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ALEXANDER IRVING HEIMLICH

— Horticulturist —

Woburn - Massachusetts

The scene on the front cover is part of our 1954 display at the New England Spring Flower Show which received the highest award, The President's Cup for the most meritorious exhibit in the show, also the Gold Medal of the Massachusetts Horticultural Society. Notice the simplicity of line and design. In the foreground is *Daphne cneorum* and the taller plants in back of the daphne and across the pool are *Saxifraga cordifolia*.

On the back cover is pictured the harmonious blending of many of the plants described in the catalogue. This is a picture of our 1948 garden at the Spring Show which was awarded the Charles H. Totty Gold Medal for the most meritorious exhibit in the show, the Gold Medal of the Horticultural Society of New York for the most beautiful display in the show, the Gold Medal of the Massachusetts Horticultural Society and the Bulkley Medal of the Garden Club of America for the most educational exhibit. At the close of the year our garden won the coveted Albert C. Burrage Gold Cup for the most outstanding exhibit in any exhibition during the year 1948.

EXQUISITE MINIATURE BULBS
CORMS and TUBERS
FALL 1958



DWARF TREES
ALPINES AND ROCK PLANTS
1958 — 1959

Alexander Irving Heimlich
Woburn, Massachusetts

OUR PERSONNEL

Alexander Irving Heimlich — exhibitions and designing
Jean Thibodeau — bulb department
Alfred Sawitzky — plant superintendent

Once again we wish to express our appreciation for the wonderful letters that come to us from an ever-widening circle of gardening friends. It is most gratifying to know that our plants and bulbs live up to our expectations and bring satisfaction and joy to so many people.

"Dear Sir:

First I should like to tell you how very much we have enjoyed the magnificent selection of blooms we have had from your bulbs which I tried for the first time this year. From the eye-catching Yellow Mammoth Crocuses (14 blooms per corm!!) to the Wood Hyacinths which are just going now it has been a very exciting spring."

Because of the many requests received during the past year for a listing of the miniature plants seen in our gardens at the Flower Shows, we have now combined our bulb catalogue and our plant catalogue.

All the plants listed have been tested extensively in our Woburn nursery and many have also been tested in the Washington, D. C. area where they withstood the summer heat very well. We appreciate that this is a very small listing of plants but it is a reliable one, containing an assortment that will give you a maximum of color and a minimum of loss.

Although it is far from complete, it contains the plants that have won for us since 1933 twenty-eight gold medals, the President's Cup in 1944, 1952 and 1954. The Totty Memorial Medal, the coveted Burrage Gold Vase, which was awarded to the most outstanding of all exhibits in 1948, and on four occasions, the gold medal of the Horticultural Society of New York for the most beautiful exhibit in the Show.

Much of the credit for the development of our material goes to Mr. Jean Thibodeau, our bulb expert, and to Mr. Alfred Sawitzky, our plant superintendent. The untiring efforts of these two horticulturists have made this catalogue possible.

CONDITION OF SALE FOR BULBS. SUBSTITUTION

This cancels our previous price list.

Although we have ample stock on hand at the beginning of the season, it is not unlikely that one or more items will be sold out later on. Unless advised to the contrary, we will substitute to match color and size as nearly as possible with material of like or more value.

A cordial invitation is extended to anyone who wishes to inspect our stock.

GUARANTEE — REMITTANCE — SHIPPING CONDITIONS FOR BULBS

We guarantee our bulbs to be of a very fine quality, true to name and in excellent condition when dispatched, but, like every other nurseryman, we cannot guarantee or assume responsibility for the flowering results, which are beyond our control. In order to give an unconditional guarantee, it would be necessary to greatly increase the price which we are trying to hold at the lowest possible figure in order to suit everyone's means.

TERMS ARE CASH WITH ORDER. PLEASE SEND CHECK OR MONEY ORDER. UNLESS OTHERWISE INSTRUCTED, ALL ORDERS WILL BE SHIPPED EXPRESS COLLECT. BY MAIL, PLEASE ADD 50c FOR PACKING AND POSTAGE CHARGES ON ORDERS UP TO \$5.00. FOR ORDERS OVER \$5.00, YOU WILL RECEIVE A CARD STATING THE AMOUNT OF POSTAGE DUE, WHICH WILL BE APPROXIMATELY 5% to 12% OF THE COST OF YOUR ORDER DEPENDING ON DISTANCE AND WEIGHT.

All claims for errors must be reported on receipt of goods, and will be promptly rectified.

Unpack and open bags immediately. Plant as soon as possible.

PLEASE READ CONDITIONS OF SALE

CULTURAL DIRECTIONS

To grow hardy bulbs with success does not necessitate a wide knowledge of them, once their general requirements, which are very few, are understood. The most essential requirement is proper drainage of the ground in which they are planted. Failure to adhere to this principle usually leads to disaster. This can be confirmed by observing that all bulbs in general growing in their native habitat, are in well drained ground. Most of the bulbs we are offering require a well drained soil. A well drained soil includes a good shovel-ful of builder's sand spaded into the area in which you intend to plant your bulbs. The ratio, therefor, is two parts loam to one part sand.

A little bone meal, mixed well below the bulbs, is the only safe fertilizer to be used at planting time. We recommend no other fertilizer. In order to preserve the bulbs, it is advisable to remove the seed pods that form after flowering, especially so in the species of tulips.

It is our desire that you succeed with the bulbs we are offering. We have noted the planting depth, and have made special notes where required. This should help the amateur a great deal.

PLEASE READ CULTURAL DIRECTIONS

ALLIUM (Flowering Garlics)

Do not let the name deceive you. Very few emit the famous scent unless their foliage is bruised. They like a sunny situation. We cannot recommend them too highly. They are good perennials for the adornment of the flower border. The small varieties are the finest for the rock garden. Plant four inches deep, three to four inches apart.

- A. **albo-pilosum** — Produces astonishingly large spherical umbels of 6" to 9" in diameter. They are composed of hundreds of 1" star-shaped flowers of a radiant metallic lilac color, exceptionally beautiful. The stems vary from 15" to 20"; quite large foliage resembling single rosettes of Yucca but very silvery and downy. Due to its excellent lasting qualities it is unsurpassable for use as a cut flower. Most desirable for accent in the rock garden, flower border and foundation planting. Greatly admired by all who view it in our nurseries.
NOTE: On account of the huge size of its blossoms, it is important to plant further apart than most Alliums — at least 9" apart or more, and 4" deep.
\$1.25 per 10 \$10.00 per 100
- A. **azureum** — A very charming species from the Altai Mountains, where so many beautiful bulbous plants are native. The flower umbels are produced on 24" stems. As its name denotes, they are of a charming sky blue color. Plant in groups of six or more in the flower border. It also makes a charming accent in the rock garden.
\$.40 per 10 \$3.00 per 100
- A. **karataviense** — A very desirable Allium. Good sized ball-like blooms composed of many silvery lilac flowers on 8" stems. Very attractive foliage, glaucous and tinted reddish violet; May, June. Same use as the preceding.
\$1.25 per 10
- A. **Moly (luteum)** — Known as the golden garlic. Umbels of brilliant golden yellow produced on 12" stems. Due to its short stature, there is no finer yellow bulbous flowering plant for the rock garden. It is stunning naturalized, and adds a dash of yellow to the flower garden. June blooming.
\$.30 per 10 \$2.25 per 100
- A. **Ostrowskianum** — A very charming species and one of our favorites among the flowering garlics. The umbels are a beautiful deep rose; six inches tall; May and June. This exquisite miniature variety is a must.
\$.35 per 10 \$2.50 per 100

ALLIUM COLLECTIONS; ALL LABELED

- 10 each of the 5 listed varieties \$3.25
10 each of the dwarf varieties, karataviense, Moly and Ostrowskianum \$1.40

ANEMONE (Wind Flowers)

The Anemones are a race of delightful spring flowers. They prefer a semi-shaded situation which can be provided by shadows cast by small trees; in the rock garden by planting at the foot of large rocks facing north. For best effect plant in drifts 3" deep and 2" to 3" apart. They appreciate a good depth of sandy leaf mold, a pinch of bone meal and a little lime. Plant at once. The tops are not always recognizable. If not sure, plant on their sides. When in flower they grow to a height of 3" to 4."

PLEASE READ CONDITIONS OF SALE

- A. apennina** — Italy's gift to horticulture. We offer a clear blue form of this lovely and vigorous Anemone. Free flowering — literally covers itself with a sheet of blue. \$.60 per 10 \$4.80 per 100
- A.—apennina alba** — An exquisite white form of the preceding with pale blue exteriors. Makes a charming companion for the above. \$.60 per 10 \$4.80 per 100
- A. blanda atrocoerulea (Ingrami)** — We offer the true dark violet-blue form of this Anemone. Breath-taking and universally admired. \$.60 per 10 \$5.00 per 100
- A. blanda rosea** — A charming bright rose-pink form of *A. blanda*, very attractive in the rock garden. Associated with the *Anemone apennina*. \$.90 per 10 \$8.00 per 100

BRODIAEA

This is a delightful genus of California flowering bulbs. They are fairly hardy and absolutely hardy from Washington, D. C., south. Plant in late fall and select a sunny situation, adding a good amount of sand to the soil. Plant in groups of 10 or more, 4" to 5" deep, 3" to 4" apart. After the ground has frozen one or two inches, protect well with saltmarsh hay, straw or cranberry top. Remove covering in early spring. Be sure to include these in your order. They will add a lovely touch of color in your rock garden or flower border in June and July. Very enchanting for forcing in cool greenhouse.

- B. Bridgesi (Triteleia Bridgesi)**
A magnificent variety, produces umbels of large spreading pinkish-lilac flowers with blue anthers. Greatly admired in our nurseries, 16" tall, June flowering. \$.75 per 10 \$6.00 per 100
- B. congesta** — Small heads of lilac-blue flowers with a paler crown borne in umbels of 6 to 8 blossoms. 15" tall. \$.45 per 10 \$1.00 per 25
- B. grandiflora** — A charming variety without equal in the rock garden; only 6" tall; very effective in groups in the sunny flower border; delightful bright blue flowers. \$.50 per 10 \$4.00 per 100
- B. ixioides splendens (Calliprora lutea)** — Popularly known as the "Golden Star." A fine selected form of *B. ixioides*, produces quite large umbels of pale golden yellow flowers, pencilled with light brown on the exterior of the perianth. June flowering. A very scarce species rarely offered. 10" tall. \$.60 per 5 \$1.10 per 10
- B. laxa** — Large umbels of deep purple-blue flowers produced on 12" stems very decorative and splendid cut flowers. \$.35 per 10 \$2.50 per 100
- B. Tubergenii**—A new hybrid of splendid beauty. Very large umbels of soft blue flowers, exterior deeper blue. 12" tall. \$.60 per 10 \$1.25 per 25

BRODIAEA COLLECTION

All labeled. 5 each 5 varieties \$1.50

BULBOCODIUM

- B. vernum** — A charming early flowering bulb. The exquisite pinkish violet flowers are produced several per corm, resembling a miniature *Colchicum* to which it is closely related; only 2" to 3" tall. Order and plant early in mid-September and October. Plant 3" deep, 2" to 3" apart. Requires well-drained sandy soil. Rarely offered. \$1.25 per 10 \$2.50 per 25

PLEASE READ CULTURAL DIRECTIONS

CAMASSIA

- C. esculenta** — This beautiful race of bulbous American plants are planted far too little. Fine starry flowers of a good rich hue on spikes 15" to 18" tall; narrow grassy foliage. Delightful to use as an accent in the rock garden, or in the flower border. June blooming. They prefer a moist ground during the growing season and should be left undisturbed. Due to the small bulbs this species make, they should be planted 4" to 5" deep and 4" apart. \$.50 per 10 \$4.00 per 100
- C. Cusicki** — Produces radiant spikes of pale lavender-blue star flowers with pale yellow anthers, varies in height from 18" to 24". Flowers earlier than *C. esculenta*. A clump of 10 to 20 in the flower border, foundation planting, or as an accent in the rock garden produces a magnificent and arresting sight. \$.90 per 10 \$7.50 per 100
- C. Leichtlinii** — Produces magnificent spikes, extra large pure white flowers. It is excellent for the flower border and rather rare. 24" tall. \$2.00 per 10 \$4.00 per 25

CHIONODOXA (Glory of the Snow)

These are the harbingers of spring. They should be used in great quantities in the front of the flower border, at the edge of foundation plantings, and in drifts in the rock garden. Plant 3" deep and 1" or 2" apart. They will increase rapidly, and you will enjoy them year after year.

- C. gigantea (grandiflora)** — This is the most delightful and largest of the group. The flowers are produced three to four on a stem that is 3" to 4" tall. Beautiful light blue color with a slight variation in shades. \$.40 per 10 \$3.00 per 100
- C. gigantea alba** — A snow white form of the preceding, it is exceedingly beautiful as a companion to the colored forms of *Crocus* species in the rock garden. Limited supply. \$.60 per 10 \$4.00 per 100
- C. Luciliae** — The flowers are sky blue in its purest form produced in good quantities on 3" stems. \$.30 per 10 \$2.50 per 100
- C. Luciliae alba** — If you have not seen it, this is a must. It is an exquisite pure white form of the above. \$.40 per 10 \$3.50 per 100
- C. Luciliae Pink Giant** — A novelty, produces tall exquisite spikes in racemes of true bright pink flowers. Unquestionably the finest of the group, it received an award of merit at Haarlem in 1948. Because of its exquisite coloring, it is unsurpassable in beauty for grouping in the rock garden or front of the flower border. Stock limited. \$.90 per 5 \$1.50 per 10
- C. Luciliae rosea** — In this charming variety we have a desirable pink form, early flowering and rare. You'll like this. \$.70 per 10 \$6.00 per 100
- C. sardensis** — In this species, we have the brightest and most intense blue, almost gentian color. This variety is slightly earlier than the others, and produces many flowers per stem. \$.30 per 10 \$2.25 per 100

PLEASE READ CONDITIONS OF SALE

- C. **Tmoli (Tmolusi)** — The flowers are smaller than *Luciliae*, but they are of the purest sky blue with a white eye. Produces many flowers per stem 3" tall. Flowers two weeks later than the other.
\$40 per 10 \$3.00 per 100

CHIONODOXA COLLECTION, ALL LABELED

10 each of 7 varieties (except Pink Giant) \$2.80

CROCUS

Crocus are the jewels of early spring. Most of the colors found in precious stones are represented in this genus. There are white, silver, amethyst, violet, lilac, butter yellow, pencil striped varieties. Being early flowering, they are the most visited by the honeybees, who feed on the pollen. Plant in the sunny border, in clumps of twelve or more, for the Dutch varieties. The species we recommend most highly for the rock garden. They require a sandy loam. Plant 3" deep, 2" to 3" apart.

DUTCH CROCUS

We carry only top size Crocus. Price is determined by size. Our Crocus corms have yielded from six to twelve flowers per corm. In our last year's listing, we ran smaller corms at greatly reduced prices. We have found that our customers by far prefer the best quality that money can buy because they receive more than twice the value. Small Crocus bulbs are not worth planting.

- C. **Cinderella** — A very long and large white flower, profusely striped with purple violet. A novelty. \$.75 per 10 \$6.60 per 100
- C. **Jeanne d'Arc** — The most superb and the largest of all the white Crocus, very free flowering, produces small corms. A novelty of great merit. \$.70 per 10 \$5.00 per 100
- C. **Little Dorrit** — An outstanding novelty and one of the most beautiful Crocus. Produces large quantity medium size flowers soft china-blue, lilac sheen interior. Excellent for pots. \$.60 per 10 \$5.00 per 100
- C. **Mont Blanc** — A large, pure white variety long in cultivation. \$.70 per 10 \$6.00 per 100
- C. **Niggerboy** — A new introduction. The darkest of all the Crocus, a dark deep purple with brilliant orange stigmas. We cannot recommend this novelty too highly. \$.60 per 10 \$5.00 per 100
- C. **purpureus grandiflorus** — A magnificent variety producing large, well formed flowers of a fine, deep purple color. Used for general planting, excellent for pot culture in cool greenhouses. \$.60 per 10 \$5.00 per 100
- C. **Pickwick** — A fine novelty, most outstanding striped form. The large flowers are soft lilac with deep lilac stripes and feathering, deep purple base, orange-yellow stigmas. \$.60 per 10 \$5.00 per 100
- C. **Remembrance** — A gem. Silvery purple, free flowering, magnificent large flower. Received an award of merit from the Royal Horticultural Society, London, 1932. An outstanding addition to your spring garden. \$.60 per 10 \$5.00 per 100

PLEASE READ CULTURAL DIRECTIONS

- C. **Sir Walter Scott** — This old standby striped variety, produces an abundance of very large white purple-striped flowers.
\$.60 per 10 \$5.00 per 100
- C. **Yellow Mammoth** — A splendid large flowering golden yellow Crocus. Very prolific. Use in flower border or for naturalizing with Mont Blanc. Ten bulbs make an unforgettable show. By actual count, there were over 100 flowers per 10 bulbs on large top sized corms.
\$.70 per 10 \$6.00 per 100

DUTCH CROCUS COLLECTION ALL LABELED

- 5 each of the 10 varieties listed **\$3.25**
 10 each of the 10 varieties listed **\$6.25**

CROCUS SPECIES

- C. **biflorus** — A little silvery-white jewel, often the palest of mauve, with fine purple stripes on the outer petals. Free flowering and a fast increaser; very early.
\$.60 per 10 \$5.00 per 100
- C. **chrysanthus Canary Bird** — A radiant beauty. Large orange yellow goblets shaded on the outer segment with bronze; early and free flowering.
\$.60 per 10
- C. **chrysanthus E. Augustus Bowles** — Wonderful large extended saucer-like flowers of the purest butter yellow, outer petals shaded brownish gray. Extremely floriferous. We recommend this superb variety very highly. Plant in large drifts.
\$.60 per 10 \$5.00 per 100
- C. **chrysanthus Snow Bunting** — An excellent white form, raised by Mr. E. Augustus Bowles. Creamy white outer petals feathered with pale indigo blue; inner petals are white with a golden throat and conspicuous scarlet stigmas. Very free flowering. Plant in drifts with Chionodoxa Luciliae or rosea.
\$.60 per 10 \$5.00 per 100
- C. **chrysanthus Zwanenburg Bronze** — A beautiful novelty raised by van Tubergen, unique in its coloring, delightful golden yellow within, exterior shaded dark polished mahogany bronze. Received awards of merit in London and Haarlem.
\$.60 per 10 \$5.00 per 100
- C. **Imperati** — A very distinct species, the interior is violet, outer petals fawn feathered purple. Flowers very early, same time as the Snowdrops.
\$.60 per 10 \$5.00 per 100
- C. **Korolkowi** — Extremely beautiful. A brilliant chrome-yellow interior, the outer petals are shaded bronze-grey. A delightful addition to a choice spot in the rock garden. Rarely offered.
\$.65 per 10 \$5.50 per 100
- C. **Sieberi** — A charming species, delicate blue-lavender with a golden throat very distinct from all others, exterior is whitish-grey. Early bloomer, very free flowering.
\$.60 per 10 \$5.00 per 100
- C. **Sieberi Violet Queen** — An outstanding new variety, producing dainty lavender-blue flowers with orange stigmas, perfect in form and free flowering.
\$.40 per 10 \$3.00 per 100
- C. **Tomasinianus Whitewell Purple** — One of the earliest to flower, it is graceful and slender. Reddish purple blossoms. It flowers freely and increases rapidly. Very fine for naturalizing with Chionodoxa Luciliae alba.
\$.40 per 10 \$3.00 per 100

PLEASE READ CONDITIONS OF SALE

- C. vernus Haarlem Gem** — A most distinct variety with medium size lilac-blue flowers with grey exterior. Very floriferous. Received awards at Haarlem. Greatly admired at our shows.

\$.50 per 10 \$4.00 per 100

CROCUS SPECIES COLLECTION ALL LABELED

10 each of the 11 varieties listed

\$5.30

CYCLAMEN

We pride ourselves in offering to American flower lovers our hardy Cyclamen corms. To grow one of these exquisite jewels is a challenge for you. They are for the connoisseur. To assist you we have established these plants in 4" pots, and you will receive them with roots intact. The corms we are offering are easy to establish in any well drained, half shady situation. Although most publications recommend lime, we grow them without it. We advise a small pinch of bone meal at planting time. You must have a good gritty porous soil, and bulbs should be planted on a slight slope because they require drainage. We recommend an inch of soil over the *C. europeum* and a half-inch covering for *C. neapolitanum* species. Though we ourselves dislike covering plants or bulbs, these must have a covering of salt marsh hay, cranberry tops, etc. These tiny Cyclamens withstand severe cold but they cannot stand the thawing and freezing that occur early in the spring, hence the covering. You may have a poor showing the first year but the second year will reward you tenfold in allowing you to behold in your own garden one of the true wonders of the alpine world. Never have you seen anything that equals their angelic beauty. The flowers appear like a swarm of tiny, exotic butterflies balancing themselves on 3" to 4" stems.

AUTUMN FLOWERING

- C. europeum** — Native of the Alps. This is not only the most attractive but also the most hardy. Blooms in August and September. Beautiful crimson flowers varying somewhat in color. Delicious violet fragrance — hence the German name of "Alpine Violets." Leaves are heart shaped, dark green turning red. **\$.75 each \$2.00 per 3**
- C. neapolitanum** — Color varies greatly from rose to the palest of pink. Flowers make their appearance ahead of the leaves. September and October flowering. Leaves are ivy shaped, silvery zoned. **\$.75 ea. \$2.00 per 3**
- C. neapolitanum album** — No word can accurately describe the celestial beauty of this snow white gem. It is as rare as it is beautiful. Zoned foliage but of a paler green. **\$1.25 each \$3.25 per 3**
- C. cilicicum** — Lovely pink flowers with a bright crimson base the slender petals twisted gracefully. Leaves beautifully marbled. Greenhouse culture north of Washington, D. C. Cover corm with 1" soil. **\$.75 each \$2.00 per 3**

SPRING FLOWERING

Additional culture for the spring flowering Cyclamen

These are delightful for greenhouse culture in the north. They are being grown in some parts of the Massachusetts coast with protection. Hardy in Washington, D. C. and South. For these, follow general culture, but cover with 1" of soil. For pot culture, use good fibrous soil 2 parts, 1 part of gritty sand. Use 3" clay pot, 1" broken crockery for drainage, cover top of corm with 1" of soil.

PLEASE READ CULTURAL DIRECTIONS

- C. Atkinsii** — Beautiful deep crimson flowers with a deeper base to the petals. Very floriferous. This variety has kidney-shaped leaves mottled silver. \$1.25 each \$3.25 for 3
- C. Atkinsii album** — A superb white form with a deep crimson base. Rare, flower profusely. \$1.25 each \$3.25 per 3
- C. Atkinsii roseum** — A delightful soft pink with a deep rose base. Flower freely. \$1.15 each \$3.00 per 3
- C. coum** — Profusion of brilliant carmine small flowers over dark rounded leaves. Good bloomer. \$1.15 each \$3.00 per 3
- C. coum album** — Dainty choice white form with small rosy base, very lovely but scarce. Flower generously. \$1.25 each \$3.25 per 3
- C. coum roseum** — Produces quantity of soft pink flowers with a deep rose base. Very graceful. \$1.15 each \$3.00 per 3
- C. repandum (vernium)** — Brilliant crimson flowers slightly pointed. Beautiful silvery marbled leaves. We do not recommend this north of New Jersey. Anyone possessing a small greenhouse will find this an exquisite addition. \$.75 each 3 for \$2.00

ERANTHIS (Winter Aconite)

They are among the earliest of the spring flowers. Delightful golden buttercups nestle on bright green, finely cut foliage, bringing joy in the cool and frosty days of spring. Suitable for the rock garden, under tall trees and shrubs. Always plant in drifts for best effect. The tops of the tubers are not always recognizable. When in doubt, plant on their sides, 2" deep, 2" to 3" apart. They are extremely effective associated with Scilla Spring Beauty, Crocus species, Chionodoxas. It is important to order bulbs early and plant upon receipt because the little tubers lose their vitality quickly.

- E. cilicica** — Produces deep yellow flowers, foliage bronzy and finely cut, blooms after C. hyemalis \$.50 per 10 \$4.00 per 100
- E. hyemalis** — Bright yellow flowers nestling on finely cut foliage, the earliest to bloom; 4" tall. \$.50 per 10 \$4.00 per 100
- E. Tubergenii** — A new hybrid with large golden yellow flowers that are long lasting. Due to the fact that this hybrid is sterile, it will not seed itself. 4" tall. \$1.00 per 10 \$9.00 per 100
- E. Tubergenii Guinea Gold** — A selected form from the preceding, of unsurpassable beauty, very free flowering. Deep yellow with bronze shading on 3" to 4" stems. Leaves also bronze tinged. Rather late, very useful to prolong the season. Sterile flowers, therefor lasting a long time. Sweetly scented. Greatly admired at our New England and Washington, D. C. Flower Shows. Rarely offered in America. \$.30 each \$1.00 per 4

PLEASE READ CONDITIONS OF SALE

FRITILLARIA MELEAGRIS (Guinea-Hen-Flower)

If you have had disappointment with this genus do not despair for this is one of the easiest to cultivate and most enduring. By following the instructions given, you should be rewarded by beautiful displays of checkered flowers. They are well worth the little care they demand. Plant in lightly shaded places; they dislike the mid-day sun. They will last longer in this location. Plant 4" deep, in loamy leaf mold, 3" to 4" apart. The nodding bell-shaped flowers are usually produced two to three on 12" to 16" stems; April, May flowering.

F. m. alba — An exquisite white form of the common *Fritillaria meleagris*. Very pretty checkered pale greenish-yellow on the white ground with a well defined green rib. \$.60 per 10 \$5.00 per 100

F. m. Aphrodite — One of the most superb and elegant of the spring white flowers. Resembles *Fritillaria alba* but is large in all its parts. A symphony of white pendent bells of great substance, unsurpassable in gracefulness. Very rewarding. Produces five on a stem 16" to 18" tall. Planted against a tall rock or in front of evergreens, its full beauty is manifested. Plant in quantity, 6 to 10 in a group. We recommend it highly for plantings of all kinds, rock garden, foundations, flower border, etc. \$.60 per 10 \$5.00 per 100

F. m. Artemis — A magnificent variety with large bells of two shades of wine color, being checkered a greyish-purple producing a very showy effect. Use the same way as the preceding. \$.60 per 10 \$5.00 per 100

F. persica — Very rare species from Asia Minor. The upper part of the stem bears numerous rich plum-colored flowers with a bloom on the outside. 18" tall. Greatly admired at our spring display of flowering bulbs. Cover bulbs 4" to 5", well drained position in sun, sandy leafmould soil. May flowering. \$1.00 each \$2.75 per 3

F. verticillata var. Thunbergii — Very desirable species of compact habit. The delightful campanulate, nodding flowers are creamy white shaded light green outside on 12" stem. Plant 4" deep, in loamy leaf mold 4" apart. Good increaser but rarely offered in America. \$1.25 per 10 \$3.00 per 25

GALANTHUS (Snowdrop)

These silvery snow bells are the earliest of the spring flowers. Sometimes they are so precocious that they get covered by snow but emerge safe and unharmed by heavy frost. We are certainly very fortunate to offer the largest selection of these perhaps ever assembled in America, to delight you with joy in the gloomy days of the earliest spring. Plant 3" deep and 3" apart, always in drifts for best effect.

G. Elwesii — By far the most beautiful and largest of the snowdrops. Flowers are globe shaped, pure and snow white, produced on 5" stems. Leaves are greyish green, larger than any other variety. A native of Asia Minor, should be planted where it will receive more sun than other varieties. Once planted, it should not be disturbed. A must for the rock garden. Can also be used to good advantage in clumps in the flower border. We have on hand a good supply of this rarity. \$.60 per 10 \$5.00 per 100

G. byzanthinus — We were able to procure a small quantity of this extremely beautiful and rare Byzantine Snowdrop. The leaves are like *G. plicatus*, flowers resemble *G. Elwesii*. Very early flowering, remains in good condition for a long time. Plant in a damp but well drained

PLEASE READ CULTURAL DIRECTIONS

spot with partially sunny situation, sheltered and protected from north winds. When established, it has been known to bloom in this country in late December and early January if the weather conditions are favorable. Very limited stock of this rarity.

\$.45 each \$1.35 per 3

- G. plicatus** — The great Snowdrop from the Crimea, broad plicate leaves and large globular pure white flowers. It is easily established in good rich in loam in semi-shaded location. Limited quantity of this rarity.

\$1.00 per 3

- G. nivalis** — The dainty single Snowdrops only 3" tall for best effect plant in drifts of no less than 10 or more bulbs. Delightful along woodland paths or shaded places.

\$.50 per 10 \$4.00 per 100

- G. nivalis flore pleno** — A double and desirable form; a miniature. Plant in groups in the rock garden, front of the flower border. It is also excellent to naturalize in the woodland.

\$.75 per 10 \$7.00 per 100

- G. nivalis viridi-apice** — Reputed to be a hybrid of unknown parentage. Strong growing and large flowering snowdrop with green-tipped petals. Very beautiful indeed and unique.

\$.50 per 3 \$.80 per 5

HYACINTHUS

- H. amethystina** — The Alpine Hyacinth is a true miniature and one of the most desirable of the small May, June flowering bulbs. Highly eulogized by Farrer, who deplored the fact that it was rarely seen in the garden at the time of writing his immortal work "The English Rock Garden." That condition is prevailing today, for it is comparatively unknown and very rarely seen in the American garden. Very accommodating, it will flourish in any good garden soil, full sun, or semi-shade. Once planted, do not disturb. It will improve in size and send out stronger spikes with more flowers. Spikes are well furnished with clear azure blue bells pencilled deeper blue with a cast of amethyst, delightfully dented at the rim; 6" to 8" tall. When planted in drifts in the flower border, they are sure to please you with their daintiness. Plant 4" deep, 2" apart. We offer them at an astonishingly low price. Treat yourself to 25 or more bulbs. Large groups are more decorative.

\$.40 per 10 \$3.00 per 100

- H. amethystina alba** — A rare and very attractive white form of exquisite beauty. Not quite as vigorous as the blue form. When planted in association with the blue, they produce a charming effect.

\$.40 per 10 \$3.00 per 100

IRIS (Bulbous Rooted)

The bulbous Iris contain some of the most magnificent and exotic jewels of the flowering kingdom. They are not too demanding in their requirements. All like full sun, a good baking during their resting period, and a well drained sandy soil. Some are very precocious, flowering in early March, if the weather is favorable. All the species we are offering have proved enduring and are good increasers. They are absolutely hardy in the vicinity of Boston, with a light covering of salt hay.

IRIS (Reticulata Section)

Plant in extremely well drained gritty soil. Always in full sun, 3" to 4" deep and 2" apart. Protect with salt hay.

PLEASE READ CONDITIONS OF SALE

- I. Bakeriana** — One of the most gorgeous of the miniature blue Iris. The standards are a brilliant ultramarine blue; the falls are bluish violet centered with a white blotch spotted with black. The tip is shaded midnight blue; 3" tall. A must for a choice spot in the rock garden. Extremely early. As scarce as it is delightful. Rarely offered. Stock limited. **\$.60 each 3 for \$1.60**
- I. Danfordiae** — A beautiful enchanting little Iris. An early golden gem. The standards are hardly visible; the falls are a most glorious golden yellow with small dark brown dots on the blades. 3" tall. Truly good drainage is essential for otherwise it will decay. Sometimes bulbs will take one year to settle down, however it is worth waiting for this unrivaled beauty. Not often offered in this country. We have a good stock on hand. **\$.65 per 5 \$1.00 per 10**
- I. histrioides major** — We are indeed very pleased to offer this very rare and choice Iris. They bloom in March. The bright ultramarine-blue flowers have on the falls an orange-yellow crest with a white patch spotted dark blue. 2" tall. Beautiful as it is scarce. **\$.65 each \$1.80 per 3**
- I. reticulata** — Well known and the most grown of the Reticulata Section. Violet purple standards and deep violet purple falls with an orange-yellow and white blotch. Emits a most delicate violet scent in the warm sunshine, or when brought into the house as a cut flower. Four inches tall; early flowering; March, April. Very desirable in large drifts in the sunniest spot of the rock garden, or well drained sunny border. Read culture. Excellent stock at an attractive price. **\$.60 per 10 \$5.00 per 100**
- I. reticulata Cantab** — This selected form of *I. reticulata* produces large sky-blue flowers with orange markings, flowering 10 days earlier than the common *I. reticulata*. Very substantial flowers. A novelty of great merit and one of the loveliest of the early spring flowers. **3 for \$.50 \$1.50 per 10**
- I. reticulata var. Hercules** — Very distinct in color but with the same habit. Dark violet standards; deep bronzy-violet falls with a well marked orange-yellow blotch dotted dark violet. Emits a violet scent. A. M. Haarlem 1933; 4" tall. See culture. Good stock on hand. **\$.65 per 10 \$5.00 per 100**

IRIS (Juno Section)

We consider the Juno Iris very unusual. They produce pale to dark green foliage. Unlike other Iris, the flowers are formed in the axils of the leaves. The whole plant has a flat fan-like appearance. They bloom from the base upward. The flowers are quite similar in form to *I. reticulata*. The bulbs are larger than the Dutch Iris, shaped like an inverted pear with fleshy long roots, which must be handled carefully not to break them. All are April, May flowering.

Culture — Plant in well drained sandy soil in full sun. The rock garden is an ideal place, or any other sunny well drained situation. Plant 4" deep, 4" apart. Protect with salt hay.

We are offering a very extensive list of these splendid Irises.

- I. bucharica** — Decorative pale green shiny leaves; creamy white flowers produced in the axils with brilliant yellow tipped falls. Emits a most delightful scent. Free flowering; 12" tall. One of the best for collectors. Very striking when planted in groups against a grey rock or evergreens. We have a fine stock of these choice and lovable plants. See culture. **\$1.00 per 3 \$3.00 per 10**

PLEASE READ CULTURAL DIRECTIONS

- I. Graeberiana** — A very choice and graceful species. Green shiny leaves. The flowers are a superb shade of light cobalt-blue. Award of Merit Haarlem, 1929; exceedingly beautiful. Use as a companion to, or in the same way as *I. bucharica*. See culture.
\$1.50 per 3 \$4.50 per 10

- I. magnifica** — The most robust growing of the Junos. The foliage is broader and bright shiny green, bearing up to 7 flowers in the leaf-axils. The gorgeous, large flowers are white delicately suffused with lavender-blue. The falls have an orange blotch on the blade. A magnificent Iris that should be included in every collection.
\$1.00 per 3 \$3.00 per 10

- I. warlsind** — An exceptional hybrid of the Iris Juno and one of the most exquisite. Brilliant deep blue standards; golden yellow falls edged delicately with blue. Very choice and beautiful; free blooming; 12" to 15" tall. For a choice spot. We have a limited stock of this rare treasure.
\$2.00 per 3 \$5.00 per 10

IXIOLIRION

- I. Pallasii** (Syn. *montanum*) — Produces many bright mauve blue flowers in racemes resembling a hyacinth; 12" to 14" stems; fine grassy foliage recurring gracefully. Late May flowering. They enjoy a well drained situation, loamy soil, leaf mold and sand; also full sun. Plant 4" deep, 3" to 4" apart. Do not disturb. A large group will enliven the rock garden, or any other well drained sunny place. Comparatively unknown and rarely seen in our gardens. To popularize this choice late-flowering bulb, we are offering them at an extremely low price.
\$.35 per 10 \$3.00 per 100

LEUCOJUM (Snowflake)

These are very decorative with their dainty and graceful campanulate white green-tipped flowers. The leaves are dark green resembling certain daffodil foliage. They enjoy a good loamy soil and plenty of moisture in the growing season and grow nicely in shade to full sun. Sometimes it takes one or two years to get established and to flower freely. Fine to naturalize. Excellent for flower arrangements.

- L. autumnale** — Exquisitely dainty little white bells tinted pink in October on very slender 4" stem. Hardy at Washington, D. C. and the east sea coast to Boston. Plant 4" deep on a slope, well drained sandy soil and protect in the winter. Excellent for pot culture.
\$1.00 per 10 \$2.25 per 25

- L. aestivum** (Summer snowflake) — Spikes of nodding white bells with pointed petals tipped pale green in quantities of 3 to 5; open successively on 15" to 18" stems very dainty and graceful. Dark glossy green foliage persists until May. Use for flower border and foundation planting; unsurpassable for cut flowers. Plant in quantities of ten or more 4" deep and 5" apart.
\$1.30 per 10 \$12.00 per 100

- L. aestivum** Gravelle Giant — A magnificent and robust growing variety, often producing 1 to 3 open nodding bells of the purest snow-white, tipped with emerald green. Free flowering when established. A great improvement over *L. aestivum*. April-May flowering. Rarely offered.
\$.80 per 3 \$2.30 per 10

- L. vernum** (Spring snowflake) — A true miniature, especially suitable for the rock garden. This species produces usually one, sometimes two flowers on 6" stems. Large white bells; pale emerald green tipped

PLEASE READ CONDITIONS OF SALE

pointed petals, short, narrow foliage. Plant 4" deep and 3" apart. Do not disturb. We offer a true stock. Order at once and plant immediately upon receipt. **\$.80 per 10**

MUSCARI (Grape Hyacinth)

This genus of bulbous plants supplies the garden with a wealth of miniatures in many distinct forms and colors. They produce their dainty little globe-shaped bells in clusters around their stems 5" to 8" tall. All are free flowering and flourish in any good loamy soil in full sun. For best effect plant in large quantity, 3" deep and 3" apart.

M. Argaei album — The pearl of the white species. Delightful and dainty white flowers on 5" stems; blooms late thus prolonging the season; May, June. Plant 3" deep and 3" apart. Excellent stock.

\$.75 per 10 \$.65 per 100

M. armeniacum Early Giant — Truly the giant of the family. Very prolific; 4 to 5 stems per bulb; 8" tall. The racemes of globe-shaped bells are deep cobalt blue with dainty white rims; delicately fragrant; April, May. Plant 3" deep and 4" apart.

\$.35 per 10 \$ 2.50 per 100

M. armeniacum var. Cantab — A magnificent new and choice variety. Bright Cambridge blue flowers with same dainty white rim; 6" stems. Greatly admired. We believe it is the first time this is being offered in our country.

\$.80 per 10 \$ 7.00 per 100

M. azureum — A delightful early Spring bulb having tiny bells with serrated rims, azure blue pencilled deep blue on 4" to 5" stems. Foliage is narrow, only 3" to 4" long. A must for the rock garden. Exquisite on the edge of the flower border adjoining the lawn.

\$.40 per 10 \$ 3.00 per 100

M. azureum album. — A very lovable pure white form of the preceding. It is scarce. Makes a charming picture when planted with the above. Same growing habit.

\$.50 per 10 \$ 4.00 per 100

M. azureum amphibolis (Freynianum) — This is another gem for the rock garden or front of the flower border. Flowers are of a paler blue than *M. azureum*. It is taller and flowers one to two weeks later. It should be included in all collections. Plant in a well drained soil which is gritty, in full sun.

\$.50 per 10 \$ 4.00 per 100

M. botryoides — This variety has long been sold and can be seen naturalized in many old gardens. A single bulb will produce 2 to 3 spikes of flowers of a light blue color. Easy culture. When used in groups with *Narcissus Triandrus Thalia*, a lovely effect is produced.

\$.35 per 10 \$ 2.50 per 100

M. botryoides album — This charming variety should be planted more liberally. Exquisite and dainty. Flowers are set close to the stems and are handsome when planted with the blue form.

\$.50 per 10 \$ 4.00 per 100

M. comosum (Tassel Hyacinth) — The old common name is very appropriate for this plant as the flowers look more like a tassel than a flower. The top flowers are dark blue violet; the lower ones are drooping and of an unusual greenish color. Very late flowering, thus prolonging the season.

\$.60 per 10

M. latifolium — Greatly different from the others. Produces one or two large light glossy green leaves — a departure from the usual habit. Bell shaped flowers of a beautiful shade of rich purple plum color; the top flowers are a light shade of violet blue, 6" tall; May. Enduring

PLEASE READ CULTURAL DIRECTIONS

and greatly admired. Its beauty is very much accentuated when planted against large rocks. We are pleased to be able to offer this exceptional species at a very low price. \$.50 per 10 \$4.50 per 100

M. neglectum — A beautiful free flowering species having blackish blue flowers edged with white "teeth." The little bells are produced in large quantities and are delightfully scented. Flowers in late April to mid-May. \$.50 per 10 \$4.50 per 100

M. polyanthum album — The finest of the white Muscari, very floriferous with spikes of lovely rich creamy white flowers that persist for a long time mid-season, very rare. \$1.25 per 10

M. Tubergenianum — Of recent introduction and the most brilliant of the blue Muscari. In bud, they are of the most intense turquoise blue; when fully opened the bells of the lower half are a deep Oxford blue; the top of the spike, a bright clear blue. Free flowering; 8" tall. Highly recommended for a choice spot in the rock garden or flower border. We are pleased to offer this winner of an Award of Merit in London, 1950. \$1.00 per 10 \$9.00 per 100

MINIATURE NARCISSI AND DAFFODILS

The miniature, dwarf and semi-dwarf Narcissi and Daffodils are delightful flowering bulbs for the ornamentation of your spring garden.

The small flowering species are especially at home in the rock garden where tender care can be given them. The dwarf and the semi-dwarf hybrids are usually more robust and we recommend their use freely for foundation planting, in the flower border, and also in larger rock gardens or for naturalizing.

All like moisture during their growing season, but none will tolerate stagnant places. Although success in flowering can be expected from late planting, we recommend early planting of all Narcissi and Daffodils. This is essential to insure good root growth before the cold weather sets in, and especially so of the small species.

We are following the latest recognized and accepted valid names. Old names have been added between parenthesis ().

We are offering to you with great pleasure and pride our extensive list. Many are extremely rare and have come to us from Mr. Thibodeau's private collection. By carefully choosing among the very early, early, mid season, late and very late, it is possible to have some in bloom from three to four weeks and more.

Being species, or closely related hybrids, they make much smaller bulbs than the large flowering hybrids. By planting several groups of these exquisite miniatures, we assure you that you will have many enjoyable moments. They will astound you by their superb beauty of form and coloring.

Do not overlook our special offer of long blooming seasonal and other collections, selected with special care for your pleasure by Mr. Thibodeau, who has grown over one hundred varieties of miniature Daffodils.

General planting depth for small bulb varieties is 3" to 4" deep and 1" to 2" apart; larger bulbs, 4" to 5" deep and 3' to 4" apart. In the middle Atlantic states, it should be about 3" to 4" deep; further South, 2" to 3" deep.

SYMBOLS: (V.E.) very early (E) early (M.S.) mid season (L) late
(V. L.) very late. Additional symbols show Royal Horticultural Society classification.

PLEASE READ CONDITIONS OF SALE

NARCISSI AND DAFFODILS (Class 10)

- N. Bulbocodium conspicuus (M. S.)** — The hoop-petticoat narcissus. It has an exquisite miniature yellow cone-shaped trumpet. Small petals and rush-like foliage. Beautiful and quaint. 6" tall. Plant in a moist situation in groups of ten or more. \$.75 per 10 \$5.50 per 100
- N. Bulbocodium citrinum** — A dainty pale citron yellow form, very suitable for planting in groups in the rock garden. Also for cool forcing. \$1.25 per 10 \$11.00 per 100

TRUMPET NARCISSI

- N. asturiensis (minimus) (V.E.)** — The smallest of all the miniature trumpet daffodils. One must see it to believe that such small but perfect daffodils exist. It is like the tiniest replica of the giant King Alfred from the fairyland of Spain. Perfect, exquisite golden flowers on 3" stems. The smallest trumpet is fringed at the rim and greatly enhanced by the twisted petals. Very narrow leaves, about 3" long. Unsurpassable in miniature elegance. Likes a moist situation, well drained with gritty soil. \$1.25 per 10 \$10.00 per 100
- N. minor (nanus) (V.E.)** — A little jewel, larger and a little taller than N. asturiensis, 3" to 4" tall. Bright yellow trumpet delicately plaited at the rim; perianth is a shade lighter and slightly pointed petals. A doer in any good soil. Recommended for small or large rock gardens. Plant in drifts of ten or more. Extremely scarce. \$1.00 per 5 \$1.80 per 10
- N. nanus (lobularis) (V.E.)** — A good worthy little bicolor daffodil. Not known wild, perhaps of Dutch origin. Quite often substituted for N. minor (nanus). Yellow trumpet and a pale creamy white perianth on 5" to 6" stems. Most often the first to flower. Increases very rapidly and should be planted at least 3" to 4" apart and 4" deep. Very colorful when planted in large drifts in the rock garden or flower border. Good for foundation planting. We recommend lifting and dividing every 3 to 4 years. \$1.10 per 10 \$10.00 per 100

HYBRID TRUMPET NARCISSI

- N. Rosy Trumpet C 1B** — A very charming small trumpet daffodil. Creamy white pointed and somewhat twisted petals with a charming deep satin-rose trumpet, fluted at rim. Keeps its color well in semi-shade. 12" to 14" tall; rigid stems. \$1.50 per 10
- N. W.P. Milner C 1C (M.S.)** — This exquisite small sulphur yellow trumpet daffodil has more than proved its worthiness, being in cultivation well over 50 years. We cannot recommend it too highly. 8" tall; late April, May. \$1.75 per 10 \$15.00 per 100

SMALL AND LARGE CUPPED NARCISSI

Small and large corona Narcissi contain some of the most varied and unusually brilliant coronas of the whole genus, adding a spark of lively color to the garden. They have more or less the form of N. poeticus. Most flower later than the trumpet daffodils thus prolonging the season.

- N. Xit (A. Gray.) C 3C.** — Very charming pure white, well rounded perianth and small cup. Unsurpassable in daintiness, 5" to 6" tall rigid stem. A favorite of all who see it. Good doer but scarce. \$1.35 each \$3.75 per 3

PLEASE READ CULTURAL DIRECTIONS

N. Trevithian — Because of popular demand we re-offer this bulb. Two or more sweetly scented flowers are produced on one stem. Broad overlapping petals of pale yellow with a slightly deeper crown. Height 16" to 18". May flowering, it is ideal for foundation planting and flower borders.

\$1.50 per 10 \$13.00 per 100

N. Cheerfulness — A very valuable poetaz variety bearing 3 to 4 double flowers per stem, rounded creamy white perianth and a full double center of white and yellow. Very fragrant. Excellent for cut flowers.

\$1.35 per 10 \$12.00 per 100

N. Yellow Cheerfulness — A lovely sport of the popular Cheerfulness. Fully double soft yellow of great substance. Very desirable for late forcing.

\$1.90 per 10 \$4.50 per 25

NARCISSUS TRIANDRUS (Class 10)

- 1. **triandrus albus** (Angels' Tears) (M. S.) — An exquisite nymph and very desirable. Pure creamy white flowers produced 2 to 3 per 4" to 5" stems. The petals reflex and show the cup which is globe shaped. For best effect, plant in quantity. A must for the rock garden. Likes a moist situation and well drained gritty soil. Plant 3" deep, 2" apart.
\$.80 per 10—\$6.00 per 100
- 1. **triandrus concolor** (M. S.) — Varies from primrose to yellow. Globular cups. Very dainty. A choice little jewel for a good position in rock garden. Same culture. Very scarce. \$.75 per 5 \$1.25 per 10

TRIANDRUS HYBRIDS (Class 5)

- 1. **Hawera C 5B** (M.S.) — A lovely little hybrid, producing pendulous dainty flowers on an 8" stem. Glistening clear lemon yellow with reflexed perianth and a small cup. Unsurpassable in perfection. Excellent for forcing. \$.75 each
- 1. **Moonshine C 5A** (M. S.) — Very charming. Star shaped perianth with a longer and more open trumpet than Thalia. A rich creamy white daffodil. Pendent flowers produced 3 to 4 per 10" to 12" stems. Plant in large clumps. When associated with *Muscari armeniacum*, it creates an enchanting effect. \$1.75 per 10 \$16.00 per 100
- N. **Silver Chimes C 5B** (V.L.) — A superb and very beautiful triandrus hybrid the most prolific. Produces heads of 6 to 8 dainty, glistening white, semi-drooping flowers with pale yellow cups. 12" to 15" stem. Dark green foliage. Best planted 6" deep in sheltered place. Somewhat tender north of Washington, D. C., therefore protect well through the winter months. None better as a pot plant to force in cool house.
\$3.00 per 10
- N. **Thalia C 5A** (M.S.) — Similar to its parent, N. *triandrus calanthinus*, but much larger in all its parts. Glistening white flowers of good substance; a great increaser, 2 to 3 flowers per 10" to 12" stems. Stunning in groups in the foundation planting, excellent for the rock garden. Can be planted in association with *Muscari armeniacum* for a blue and white effect, or if you prefer all white, use *Muscari botryoides album*. \$1.60 per 10 \$14.00 per 100

CYCLAMINEUS HYBRIDS (Class 6)

- N. **Beryl** (V. E.) — Charming and graceful. Drooping primrose yellow flowers with slightly reflexed perianth and small globular bright orange cup shading to gold. Ideal for rock garden and pots. 3" tall. Good substance. \$2.00 per 10
- N. **February Gold** (deGraaff) (V.E.) — An elegant pale lemon yellow daffodil with pointed petals and straight delicately fluted trumpet of a deeper yellow tinged orange. Excellent for early forcing in a cool greenhouse. Very desirable for the rock garden, foundation planting and flower border. Adds a splash of gold and brightens the garden in early spring. \$1.50 per 10 \$13.00 per 100
- N. **March Sunshine** (deGraaff) (E) — A miniature of February Gold, flowering later. The perianth is of a delightful shade of butter yellow; deep orange yellow cup of good lasting quality. Suitable for small rock garden. 6" to 8" tall. 5 for \$1.25 10 for \$2.00

PLEASE READ CONDITIONS OF SALE

- N. Peeping Tom (V.E.)** — The most outstanding large flowering hybrid of this class. This recent introduction has a long, deep-yellow trumpet with a recurved lobed rim and a reflexed yellow perianth. Early flowering and long-lasting quality. The flower assumes an erect position, hence its name, "Peeping Tom." Good stem, 12" and over. Excellent for early forcing. **\$.50 each \$1.35 per 3**

NARCISSUS JONQUILLA (Class 10)

- N. Jonquilla gracilis (Helena gracilis)** — This old little jonquil deserves to be planted in larger quantities because it is unquestionably the last of the narcissi to bloom, sometimes extending into June. From 2 to 4 light yellow sweetly scented flowers are produced on a 15" to 18" rigid stem. A very pleasing effect can be obtained by interplanting groups of *Scilla campanulata excelsior*. **\$2.00 per 10**
- N. Jonquilla simplex (M.S.)** — A deliciously scented daffodil. Great quantities of them are grown in France for perfume extraction. This variety should not be confused with the *Campernelle* group. Flowers are produced 3 to 4 on stems 9" tall; bright yellow throughout. Can be used to advantage in front portion of sunny border and especially in the rock garden. Top size bulbs only. **\$.70 per 10 \$6.00 per 100**
- N. juncifolius (M.S.)** — The smallest of the narcissi; exceedingly perfect. Dainty little buttercup-like perianth, only $\frac{5}{8}$ of an inch from tip to tip of the petals with widely opened cup. Rich yellow flower delicately perfumed; produces 1 to 3 on a very small 3" to 4" stem. Will thrive in well drained gritty soil in the rock garden. Plant 3" deep, 3" apart. **5 for \$.75 10 for \$1.40 100 for \$12.00**
- N. rupicola** — An exquisite elf found in Portugal and Spain. Allied to *N. juncifolius*. The flowers are sweetly scented, bright yellow with a six lobed corona. They are borne singly on a 4-inch stem. Plant 4" deep in a well drained situation. We advise protection in the winter north of Washington, D. C. **5 for \$.75 \$1.40 per 10**
- N. scaberulus** — A rare species from Portugal. Allied to *juncifolius*. Has several flowers on a 10" stem. Deep golden-yellow perianth with an orange-toned cup. A very dainty little mite for the rock garden. Same culture as *juncifolius*. Very scarce. **\$.75 per 5 \$1.40 per 10**
- N. Watieri** — Very rare and the daintiest of all the small white *Narcissus*. The pure crystalline white flower is about $\frac{5}{8}$ " in diameter on a 4" stem. As to beauty and form, it is absolutely celestial. Hardy north of Washington, D. C. with good protection. Plant in warm, sunny sheltered spot. Also excellent for alpine house. **\$1.00 per 5 \$1.75 per 10**
- N. tenuior** — The silver jonquil. An elegant slender stem-growing jonquil bearing 2 to 3 flowers 1 to 1½ inches. Pale straw to cream colored perianth with a lemon cup, sweetly scented. The flowers age to creamy white on a 6" stem. Plant in a rather dry but deep soil in full sun. **\$1.25 per 10 \$10.00 per 100**

JONQUILLA HYBRIDS

- N. Bobbysoxer (A. Gray) C. 7B** — Very enchanting well formed rounded soft yellow perianth with an orange-yellow flat cup. Sweetly scented. Good doer. **\$.60 each \$1.75 per 3**

PLEASE READ CULTURAL DIRECTIONS

- N Lintie (Barr) C 7 (L)** — Dazzling and dainty. Well rounded perianth of a brilliant yellow. The crown is flat edged bright orange. Very fragrant. Prolific. Flowers are produced 2 to 3 per stem; 12" tall
3 for \$1.05 5 for \$1.65 10 for \$3.00
- N. odoros rugulosus** — This variety produces 3 to 4 flowers per stem, bright yellow, 13" high. Sweetly scented, a group will perfume the air for a great distance. Mid-May flowering. \$1.00 per 10 \$3.00 per 100
- N. odoros rugulosus flore pleno C 7 (L)** — Double flowers produced in clusters, bright yellow and sweetly scented perfuming the air for a great distance. 8" to 10" tall. \$1.00 per 10 \$8.00 per 100

ORNITHOGALUM (Star of Bethlehem)

- O. Balansae** — We are pleased to offer this rare and choice little Ornithogalum. Produces several medium size white flowers, tinted green on the reverse on 3" to 4" stem. The most desirable for rock garden. Extremely early. \$1.00 per 3 \$1.60 per 5
- O. narbonense** — After many inquiries we have succeeded in locating this unusual Ornithogalum. Produces in raceme on a 16" stem up to 40 flowers which are white within and almost entirely green without. A June bloomer, it flourishes in any good garden soil. Protect well over the winter north of Washington, D. C. \$.75 per 10
- O. nutans** — Produces 6 to 10 pendent star shaped flowers, silvery green on the outside. The inside is white and pale green with a white edge on both sides. A silvery down covers the whole flower resulting in a velvety texture. 10" to 12" tall; 4 to 5 leaves with silvery rib. Plant 3" deep, 4" apart in any good garden soil. Excellent for naturalization in thin grass along the woodland path, flower border, foundation planting or on the fringe of the rock garden.
\$.45 per 10 \$3.40 per 100
- O. umbellatum (Star of Bethlehem)** — Pretty umbels of white flowers with green band. \$.50 per 10

PUSCHKINIA

- P. libanotica** — A delightful early spring miniature flowering bulb. Flowers are pale porcelain blue and striped with a deeper blue. Produce two to three flowering stems with several flowers on each one. Planted in conjunction with crocus in the border, they produce a magnificent effect. They are seen best in the rock garden where they can be viewed at close range. \$.35 per 10 \$2.50 per 100
- P. libanotica alba** — This exquisite form of the preceding is quite rare in cultivation and is very seldom offered. Flowers are produced in the same manner as its counterpart. When grown together they are an excellent combination. Plant three inches deep, and one inch apart, in groups of a dozen or more. We are very fortunate in having been able to secure a good supply of this alluring form.
\$.45 per 10 \$3.00 per 100

SCILLA

- S. amethystina** — Of recent introduction from Dalmatia. Clear amethyst blue flowers; large spikes produced in quantity on 5" to 6" stems; May and June. Plant 3" deep, 2" apart. We highly recommend this species for the rock garden. \$1.00 per 10 \$2.00 per 25

PLEASE READ CONDITIONS OF SALE

- S. bifolia** — One of the daintiest and smallest of the Scillas. A very early Spring bloomer. The flowers are produced in racemes, a deep gentian blue. 3" to 4" tall. **\$.35 per 10 \$2.50 per 100**
- S. bifolia rosea** — A new introduction of superb charm. Dainty, small flowers in delicate soft pink, produced in racemes. 3" to 4" tall. Fine to interplant with the blue. **\$1.00 per 10 \$2.25 per 25**

SCILLA CAMPANULATA

This species is known as the wood hyacinth. Very charming and extremely hardy; May, June. They naturalize themselves freely and easily, increasing year by year. Not too particular as to location. They do well in sunny, semi-shade and full shade conditions. Magnificent when planted in drifts in semi-shade. They enhance flower borders, and fill a deep need under shrubs, in the background of a rock garden. Plant 4" deep, 3" to 5" apart always in clumps or drifts. Use all three colors.

- S. campanulata alba maxima** — A lovely snow white form having good erect habit. 10" to 12" tall. **\$.50 per 10 \$4.00 per 100**
- S. campanulata coerulea** — A very desirable blue form 10" to 12" tall. Planted with late blooming daffodils of the same height, an unusually lovely picture is created. **\$.50 per 10 \$4.00 per 100**
- S. campanulata Excelsior** — Strong spikes of bright blue colored large bells. Very strong upright stems. Blooms in latter part of May. We recommend planting in groups with the late N. Jonquilla gracilis for a delightful effect. **\$.50 per 10 \$4.00 per 100**
- S. campanulata rosea** — This quaint, soft pink form is always in great demand. 10" to 12" tall. **\$.50 per 10 \$4.00 per 100**

NEW GIANT FLOWERING SCILLA CAMPANULATA

We are pleased to offer a few of the new strain of giant flowering Scilla campanulata. They are far superior and of a better substance than the older varieties, very floriferous with blooms twice as large as the ordinary varieties. An improvement in color with rigid tall stems.

BLUE BIRD — Deep blue large bell on elegant fine spikes. Very showy, early variety, of great merit for cutting.

\$.60 per 10 \$5.00 per 100

CITY OF HAARLEM — Extra fine light blue bells produced in large quantity on good strong stem.

\$.60 per 10 \$5.00 per 100

KING OF THE WHITES — Snow white bells in large quantity on strong spike. Nothing can surpass these, especially in foundation planting where a white effect is desired.

\$.60 per 10 \$5.00 per 100

JULIANA — This variety produces superb large pink bells on tall, rigid stems. Very choice and excellent to interplant with others.

\$.60 per 10 \$5.00 per 100

PLEASE READ CULTURAL DIRECTIONS

- S. chinensis** — This is one of the most charming and perhaps the rarest of all Scillas. They are very desirable due to the fact that they bloom in late August and September. The dainty pinkish lilac flowers are produced in large quantity on a 6" to 8" tall rigid stem. They flower for two to three weeks. A precious jewel for your rock garden or small border. Plant 3" deep 3" apart. Bulbs are never fully dormant. Bulbs are available in September, October and in the Spring if ordered with Plants. Stock limited. **\$1.00 per 3**
- S. pratensis** — Produces many spikes of dainty amethyst blue flowers somewhat smaller than *S. amethystina*. Mid-May flowering. **\$50 per 10**
- S. sibirica** — The Siberians Squill needs no introduction for it can be seen naturalized in the woodland and on lawns of many old estates. Bright blue, it is one of our most valuable miniature spring flowering bulbs. Delightful planted in large drifts under forsythia. **\$60 per 10 \$5.00 per 100**
- S. sibirica alba** — A white form of the preceding and even more delightful. Plant together with sky blue and in drifts. **\$40 per 10 \$3.00 per 100**
- Sibirica Spring Beauty** — This form is a great improvement over the common variety. Deep blue large flowers in quantity. 3 or more stems are produced per bulb. May flowering. 4" tall. You owe yourself this lovely blue. **\$75 per 10 \$6.00 per 100**
- S. sibirica taurica** — Produces soft clear blue flowers. A most charming early spring flowering bulb, brighter and earlier than the other *Scilla sibirica*. **\$60 per 10 \$4.50 per 100**
- S. Tubergeniana** — New and exquisitely charming. A most worthy contribution to miniature hardy and early flowering bulbs. The flowers are of a most unusual delicate blue; the center of each petal is pencilled a darker shade. The pollen is of a light turquoise blue. A very rewarding; 3 or more spikes are produced per bulb with 3 or 4 flowers each. The leaves are short, glossy, green and quite wide. Very precocious, it flowers at the same time as the *Eranthis* and the *Galanthus*. Plant 3" deep, 3" apart in any good garden loam in groups of 5 and 10. Introduced by van Tubergen from North Persia. Award of Merit London 1937 and First Class Certificate Haarlem 1939-1940. Stock limited. Scarce. **\$1.40 per 10 \$3.25 per 25**

TRITELEIA (syn. Brodiaea or Milla uniflora)

- T. uniflora** — A charming early May flowering bulb. Produces fragrant little star shaped flowers, white shaded lavender on 4" stems. Increases rapidly. Plant 3" deep, 2" apart in a well drained sunny location. We advise a light protection. **\$25 per 10 \$60 per 25 \$2.00 per 100**
- T. uniflora violacea** — A delightful variety of the preceding. Light bluish violet flowers. Same culture. **\$25 per 10 \$60 per 25 \$2.00 per 100**

TULIPA SPECIES (Botanical Tulips)

The wild species of Tulips are a very charming race of flowering hardy bulbs. Among the species there is a large diversity of color and form, dainty star shaped flowers to superb goblets, expanding to huge large saucers in full sun. Some varieties are so rewarding that they produce 3 to 4 flowers on a

PLEASE READ CONDITIONS OF SALE

branching stem. Their color varies from creamy white, pale yellow to deep chrome, orange, vermilion and dazzling scarlet red, pale pink to rosy crimson and purplish violet. The flowering season extends from late March to early June. They like full sun, a well drained sandy soil and all the baking sun possible during the summer to ripen the bulbs.

We recommend them very highly for the decoration of the rock garden. Due to their pleasing form and remarkable color, they add great interest to the flower border and foundation plantings. For best effect, always plant in drifts of five to ten and more. Depth of planting for the small bulb species 4" to 5" and 3" to 4" apart. Larger bulbs prefer a depth of 6" to 8" and 4" to 6" apart. These depths are for good sandy garden loam; in heavier soil, they should be 1" to 2" less in depth.

We have one of the most complete collections of these species. It has been greatly increased and we are offering many rare and new kinds to charm your garden.

T. acuminata (cornuta, stenopetala) — Not considered a true species. Flowers are of the most fascinating shape and color combinations. The long narrow pointed petals are elegantly twisted and waved on the edges and are a pale yellow orange shaded to a brilliant scarlet. A true floral fantasy. Spectacular when planted in large clumps at the back of the rock garden, flower border, front of foundation planting, especially in front of evergreens, 18" to 20" tall; May.

\$1.40 per 10 \$12.00 per 100

T. Artist — This beautiful tulip is classified as a cottage; however, due to its unique form and coloring we find it fitting to include it with the species. The flowers have an unusual blend of rosy terra cotta suffused with green and a light greenish yellow center rib. The petals are curled at the edges. Greenish gray foliage. Very rigid 10" stem. The flowers are exceedingly long-lasting and excellent for flower arrangement.

\$1.50 per 3 \$1.50 per 10

T. australis — A very charming medium sized flower. Chrome yellow interior, flushed bronze-red on the exterior petals. Early May bloomer; 6" tall; delightfully scented. Rarely offered. Stock limited.

\$1.25 per 10

T. Batalinii — A very choice and remarkable species, somewhat like *Linifolia*, but its color, when fully opened, is butter yellow. On sunless days, the closed bud has fascinating charm. It is similar to a rosebud. 6" tall. Very desirable, and a must for the rock garden. Scarce.

\$1.00 per 3 \$3.00 per 10

T. Batalinii Bronze Charm — A magnificent hybrid form. The color varies from apricot to bronze. When in bud, it is even more charming than the preceding. Free flowering. 8" tall. Rare. Stock limited.

\$1.30 per 5 \$2.50 per 10

T. Clusiana (The Lady Tulip)—Very charming. Deserves to be more freely planted. Gives a dainty, ladylike effect and blossoms several weeks later than the Kaufmanniana group. White flowers with outside

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petals of cherry red. In dull weather, and evening, it features a delightful white bud with rose stripes. 8" to 10" tall. We have secured a very large quantity and can offer at a very low price.

\$1.10 per 10 \$9.00 per 100

- T. Didieri** — A slender growing species of exquisite gracefulness. The flowers are a rich crimson-carmine. The points of the petals are slightly reflexed. Base blackish blue margined with yellow. Charming in bud they resemble American Beauty rose-bud. Slender rigid 18" stem. Mid-May. **\$.60 per 5 \$1.00 per 10**
- T. Eichleri Excelsa** — A great improvement over Eichleri. Larger in all its parts. A recent introduction. Beautiful and easily grown. Scarlet crimson red flowers with a well defined yellow and black center. 12" tall. **\$1.00 per 10 \$8.50 per 100**

TULIPA FOSTERIANA

Many Dutch growers have for a number of years exercised great care in selecting special seedlings of T. Fosteriana Red Emperor. They are offering us the fruits of their labors. These new forms and varieties are in some cases dwarfs, and by far more suitable for the rock garden, flower border and foundation plantings. They stand the wind better and last longer. We carry only the finest quality top sized bulbs.

- T. Fosteriana Galata** — The large well formed flowers are glowing orange-scarlet with a yellow center, 18" tall rigid stem. May flowering. A novelty highly recommended. **\$1.25 per 10 \$10.00 per 100**
- T. Fosteriana Princeps** — An excellent form for the rock garden. The loveliest of the Fosteriana group; 12" tall. Exceptionally brilliant, vermilion scarlet red flowers. A must. **\$1.25 per 10 \$10.00 per 100**
- T. Fosteriana Red Emperor** — One of the tallest and largest, 18" to 20" tall. Gigantic flowers of vivid scarlet, large black eyes, accentuated by a yellow rim. **\$1.00 per 10 \$9.00 per 100**
- T. Fosteriana Purissima** — Large milky white flowers. Yellow base, 20" tall. **\$1.35 per 5 \$2.50 per 10**
- T. Fosteriana Rockery Beauty** — A new introduction, the most dwarf of this group. The large flowers are a brilliant orange-scarlet on 8" stems. As its name indicates, it is the most desirable of this series for the rock garden. A group produces a dazzling effect. **\$.75 per 3 \$1.75 per 10 \$3.25 per 25**
- T. dasystemon** — See T tarda.
- T. Greigii** — One of the most magnificent of all the species of Tulipa. The foliage is mottled with brown-purplish dots. The flowers are of extra large size, bright orange-scarlet with waved petals and black centers. Very rare. 9". **\$.45 each \$1.00 per 3**
- T. Hageri** — An attractive and very desirable species. Interior petals are a deep copper crimson red with greenish black base; outside petals are a dull bronze orange. Produces 2 to 3 flowers on branching 6" to 8" stems. Mid-May flowering. Excellent for prolonging the season. Top sized bulbs only. **\$1.25 per 10 \$11.00 per 100**
- T. Kolpakowskiana** — A delightful and exquisite species. Its name is its only blemish. Highly recommended for the rock garden. When fully opened, it is a light golden yellow; outside petals are shaded rose and cherry red. 6" tall. Quite rare. **\$2.00 per 10**

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TULIPA KAUFMANNIANA

Known as the "Water Lily Tulips" they are the earliest of all the species to bloom. In the vicinity of Boston, they usually flower in mid-March and early April, varying somewhat according to early or late spring. All are easily raised, very enduring and prolific bloomers. We highly recommend them for the rock garden. They are spectacular when planted in large clumps in the flower border and foundation plantings, adding a touch of warm color in early Spring. We are offering a very fine selection.

- T. Kaufmanniana** — This lovely old timer has creamy white flowers with a yellow center base and outside petals of a delightful tone of shaded carmine rose. 8" tall. \$1.10 per 10 \$9.00 per 100
- T. Kaufmanniana aurea** — Beautiful chrome yellow interior, enhanced by a flame of rosy red on the exterior petals. A choice form. Rarely offered. Early blooming; 7" tall. \$1.30 per 5 \$2.50 per 10
- T. Kaufmanniana Brilliant** — Brilliant cherry red flowers with a golden yellow base, adding greatly to its charm. Outstanding. 7" tall. A must for your collection. Very rare. \$1.25 per 5 \$2.25 per 10 \$4.50 per 25
- T. Kaufmanniana Fritz Kreisler** — One of the loveliest of the group. Flowers are larger than most in this species. Creamy flesh pink interior with a beautiful golden yellow base accentuated by a reddish orange halo; exterior petals are apricot and salmon rose, slightly paler at the margin. 10" tall. Outstanding in loveliness. Award of Merit, Royal Horticultural Society, London. \$1.25 per 3 \$3.75 per 10
- T. Kaufmanniana Gaiety** — An adorable nymph only 4" tall. Flowers nesting on the foliage are quite large, creamy white with an orange base and an outside red stripe. A must for the rock garden. Very scarce. \$1.25 per 5 \$2.25 per 10 \$4.50 per 25
- T. Kaufmanniana Scarlet Elegance** — A most brilliant variety selected from *Kaufmanniana coccinea*. It produces 1 to 3 flowers of dazzling scarlet. Very effective in the rock garden or in the front of the flower border. Greatly admired in our nurseries. \$.90 per 3 \$2.80 per 10
- T. Kaufmanniana Shakespeare** — Very beautiful. A symphonic color combination. The exterior petals are flushed salmon, apricot, orange and deep yellow; the interior is shaded vermilion red. This unique tulip has always created comment. 7" tall. Stock limited. \$1.15 per 5 \$2.00 per 10
- T. kaufmanniana "Peacock Tulip"** — Superfine mixture, raised from Greigii x *Kaufmanniana*, various seedlings which will include many delightful color combinations, with mottled foliage. \$1.75 per 10

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NEW KAUFMANNIANA GREIGI HYBRIDS

These are absolutely different from the selected color form of Kaufmanniana, showing clearly the percentage of T. Greigi in the form of flowers, but mostly in the making of striped purple brown markings on the foliage. All are a valuable addition to any collection. We recommend them very highly and offer fine named varieties from which to choose.

T. Kaufmanniana hybrida Cesar Franck — Flowers are a glowing chrome yellow with an eye of reddish spots. Outside petals are a brilliant rosy red with a large yellow margin contrasting beautifully with the green, brownish striped foliage. Excellent stock. \$1.00 per 5 \$1.75 per 10 \$4.00 per 25

T. Kaufmanniana hybrida Sweetinck — This outstanding variety has large soft creamy yellow flowers with a rosy flame on the outside petals. Very attractive wavy foliage, striped brownish-purple. A very magnificent variety. \$1.35 per 5 \$2.50 per 10 \$5.00 per 25

T. Kaufmanniana hybrida Vivaldi — This beautiful tulip is taller than most in this group. Creamy yellow interior with a golden yellow base accentuated by a crimson halo; exterior petals are enhanced by a large crimson flame, 12" tall. Deep green foliage with brown dots. Award of merit. Royal Horticultural Society, London. \$1.25 per 5 \$2.25 per 10 \$4.50 per 25

T. linifolia — Here we have one of the most dazzling glowing scarlets of the species. The flowers are bowl or cup shaped with a black center. Foliage is very narrow. Planted near yellow Batalinii, it creates a wonderful effect. 6" to 8" tall. \$.80 per 3 \$2.50 per 10

T. Marjoletti — This species is taller than the average, 18" in height. Can be used as an accent for the rock garden. Flowers are creamy white, edges of the petals are shaded rosy red. \$.90 per 10 \$8.00 per 100

T. mauritiana (mauriana) — One of the Neo-tulipae from Savoy. A magnificent and distinct species. Flowers a brilliant scarlet red with a yellow base. Most outstanding for extending the flowering season, very late May. 16" tall. \$1.00 per 10

T. Orphanidea — A very charming species from Greece. The pointed petals are bronze orange-red, shaded rose-purple with an olive green center. Very scarce. A late bloomer. 9" tall. \$.80 per 5 \$1.50 per 10

T. persica — Due to its lateness in flowering, almost the last one, it is one of the most desirable for the rock garden. Only 5" tall. Flowers are pure golden yellow when fully opened; outside petals are orange bronze. Slightly fragrant. Full sun exposure. We offer this exquisite nymph at an attractive price. \$2.75 per 10

T. praestans Fusilier — Recent introduction. Produces 4 to 6 flowers per 8" stems. Color is brilliant orange scarlet; foliage is dark green. Delightful when planted in clumps in the foundation, flower border and rock garden. \$2.00 per 10 \$18.00 per 100

T. primulina — Primrose creamy white interior, outside petals flushed pale green with rosy lilac margin. Produces 3 to 4 flowers per 10" stems.

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Foliage is narrow and unique. Shaded glaucous grey. It is distinct in its habit of remaining closed during the hottest part of the day, and opening when most species are closing their buds. Very fragrant. Extremely scarce. Stock limited.

\$.65 each 3 for \$1.80 5 for \$2.75 10 for \$5.25

- T. pulchella humilis** — A very exquisite little miniature of unsurpassed daintiness. The flowers are a delicate shade of pink violet, varying sometimes between individual bulbs. When fully opened the flowers are star shaped with a golden center. Produces 1 to 2 flowers on branching 4" stems. Extremely early. Plant in the sunniest sheltered nook in your rock garden. Scarce. \$.40 each \$1.80 per 5 \$3.50 per 10
- T. pulchella violacea** — The most charming of the miniature Species. Often called the crocus-flowering tulip, the crocus-shaped flowers are a rich, rosy-purple with a dark purple-black base. One of the most precocious, flowering in early March. Has excellent lasting quality. Only 4" tall. Much in demand. Same culture as the preceding.
\$.50 each \$2.25 per 5 \$4.00 per 10
- T. turkestanica** — Closely allied to biflora, but larger in all its parts. Several flowers on branching stems; 8" to 10" tall. Creamy white with outside petals shaded pale rosy bronze and a touch of light green. Early blooming. Long lasting \$.75 per 10 \$6.00 per 100
- T. tarda (dasystemon)** — A golden yellow buttercup tulip with petals edged in creamy white produced in great quantity on branching stems. 6" tall. Delightful when planted in clumps. Should be in every rock garden. \$1.40 per 10 \$12.00 per 100
- T. Schrenki** — An extremely beautiful miniature, early-flowering tulip, brilliant turkey-red with yellow-tipped petals. Very unusual coloring for a Species. 4" to 5" tall. \$1.30 per 5 \$2.50 per 10
- T. stellata** — Extremely rare species from the Himalayas. A charming tulip producing in May dainty white flowers, outer petals shaded soft rosy-pink, inner petals white. The golden pollen and yellow base enlighten the interior. Narrow foliage, 15" stem. Greatly admired was the group used in our "Himalaya Mountain Stage Scene" at The New England Spring Flower Show. \$.65 each \$1.75 per 3
- T. sylvestris (florentina odorata)** — This species grows wild from England to the Mediterranean. The nodding bud at maturity turns upward and opens its golden saucer, releasing its sweet fragrance. Once it is established, it will increase and flower freely. The finest to naturalize. \$1.00 per 10 \$8.00 per 100
- T. urumiensis** — A very rare species, outstanding and dainty, only 4" tall. Produces two to three flowers in succession per bulb. Golden yellow blooms with bronze-green reverse rest on rosette of spreading leaves. We recommend this most fascinating species as one of the finest for rock gardens. Scarce. \$.65 each \$1.75 per 3
- T. viridiflora praecox** — The large form of the old viridiflora. The wide-open flowers with pointed petals are soft, pale green edged with creamy yellow. Due to its extraordinary coloring, it is most appropriate and much in demand for flower arrangements. Very scarce, stock limited. \$1.25 per 5 \$2.25 per 10
- T. Whittallii** — A very choice kind rarely seen. Well formed goblet shaped flowers, a pure shade of coppery orange, with a greenish black base.

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The outside petals duller and shaded greenish yellow. Late blooming; mid-May. 12" to 15" stems. **\$1.10 per 5 \$2.00 per 10**

TULIPA COLLECTION, ALL LABELED

- 1.— Long blooming season. 5 each Artist, Eichleri Excelsa, Fost. Galata, Kaufmanniana, praestans Fusilier, tarda. **\$4.35**
- 2.—Choice varieties for the collector, 5 each Didieri, Fost. Rockery Beauty, Kauf, hybrida Vivaldi, mauritiana, pulchella violacea. **\$5.00**

AUTUMN FLOWERING BULBS

STERNBERGIA

- S. *lutea* — A very delightful crocus-like flower. Brilliant shiny yellow flowers in October. 8" tall. The leaves begin to grow in autumn. Rarely offered. Plant 6" deep, 3" apart in a sheltered sunny location. **5 for \$1.00 10 for \$1.75**

During the months of April, May and June, all the bulbs listed are in large display beds carefully labeled for your convenience. If you are within driving distance and can visit our nursery once a week, all these charming miniatures can be studied.

CONDITIONS OF SALE FOR

DWARF TREES SHRUBS ALPINES AND ROCK PLANTS

GUARANTEE SUBSTITUTION REMITTANCE SHIPPING CONDITIONS

**ALL PRICES ON DWARF TREES, SHRUBS AND IVIES ARE NET
NO DISCOUNT FOR QUANTITY**

PRICES FOR ALPINES

**ALL PLANTS ARE \$.75 EACH UNLESS OTHERWISE NOTED
ALL \$.75 PLANTS ARE \$2.00 PER 3, \$6.75 PER 10 OF ONE KIND
ALL \$1.00 PLANTS ARE NET. NO MORE THAN 3 OF ONE KIND**

TO A CUSTOMER

If you order 3 Sedum, for instance, one each of S. acre, S. album and S. altissimum, this order does not take the 3 rate, but being all different varieties they take the single rate. Also if you order 10 Sempervivums in 10 varieties they will take the single rate. But if you order 10 Veronica spicata alba, then they will take the 10 rate.

We guarantee our plants to be of very fine quality, true to name and in excellent condition when dispatched, but cannot guarantee or assume responsibility for the flowering results.

Although we have ample stock on hand at the beginning of the season, it is quite likely that one or more of these items will be sold out later on. Unless advised to the contrary, we will substitute to match color, size as near as possible. It will be of like or more value.

Terms are cash with order. Please send check or money order. No order for less than \$3.00 will be accepted. Unless instructed otherwise, all orders will be shipped express collect.

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During the War and since, Parcel Post has been more reliable and usually cheaper than Express in the handling of nursery stock, and we recommend that our customers have their plants shipped by Parcel Post, and when shipped that way the following cost must be added to the amount of the order to cover the cost of postage and special packing necessary; to all points north of the Potomac River and east of Cleveland, Ohio, 10% extra; to all points west of Cleveland and east of the Mississippi River, 15% extra; to all points between the Mississippi River and the Rocky Mountains, 20% extra; to all points west of the Rocky Mountains, 25% extra. Purchaser pays all transportation charges.

However, if the customer prefers to have the shipment sent by Express, collect, it will be shipped that way.

CULTURAL DIRECTION FOR ALPINES

Many of these plants will prove extremely hardy -- withstanding low temperatures and prolonged periods of drought. They require a porous soil. A rich garden loam will need one-third sand and gravel spaded into it and thoroughly mixed. It will be necessary to follow the key as to sun or shade. A sun-loving plant will grow tall and weak in shade; in reverse, a shade plant will lose its rich foliage in the sun. Rock plants have two enemies. Rich, sticky loam, which will insure their death in one or two seasons, and weeds, especially perennial weeds, such as witchgrass, sorrel, and others. Be sure to clean the ground thoroughly.

Adhering to these simple rules, these plants will surprise you and be a never ending source of pleasure for little money.

The blossoming dates are, of course, as we find them and pertain to the vicinity of Boston. Further North the blossoming date would be later; in the South it would be earlier. Also, from year to year, there is a slight variation in the blossoming date due to temperature changes; for example, an unseasonably hot Spring will move all dates up a week or so.

ACHILLEA

All Achilleas grow with ease. They like full sun and require a sandy soil.

- A. *argentifolia* — Form a mat of finely-toothed spicy fragrant silvery leaves, with pure white flowers on 6" or 8" stems in May - June.
- A. *lewisii* — Mats of dull green woolly rosettes pale sulphur yellow flowers, 4". June - July. Rare.
- A. *nana* — Fine woolly, divided foliage; very aromatic; compact heads of white flowers on 3" - 4" stems; blooms in July and August.
- A. *ptarmica* "The Pearl" — Produces large quantities of dainty double white flowers on 18" stems all through the summer. Fine for cutting.
- A. *species* — Closely resemble *tomentosa* but with greener woolly foliage. Large umbels of sulphur-yellow flowers on 6" to 8" stems. Presumably not "Moonlight" var. Bought by all who see it.
- A. *tomentosa* — Very attractive silvery woolly, finely cut foliage; bright yellow flowers on 6" stems; blooms June - July.

ALLIUM

- A. *senescens glaucum* — The finest of the flowering onions, glaucous semi-

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twisted foliage with umbels of pink flowers on 6" to 8" stems; blooms late August, September.

- A. **cernuum** — A very beautiful plant having large umbels of little, nodding, bell-shaped flowers of rosy-lilac. Flowers in July - August. 12" stems. Must have sun.
- A. **Schoenoprasum (chives)** — Not only good to flavor salads and other foods but also a very decorative garden plant. Rosy-purple flowers on 8" stems. June-July blooming.

AJUGA

These are good ground covers for sunny or shaded places, all bloom in May and June.

- A. **genevensis** — Dark green foliage with flowering stems 4" tall, blue flowers. Fine for carpeting in sun or shade.
- A. **genevensis metallica crispa** — The leaves of this variety are crisp, curly and bronzy with blue flowers on 6" to 8" stems.
- A. **reptans** — A creeping form with green leaves and spikes of blue flowers on 6" stems.
- A. **reptans variegata** — Pale green and cream foliage, blue flowers.

ALYSSUM

The Alyssums add a touch of warmth to any rock garden. No rock garden should be without a representative of this genus.

- A. **argenteum** — Bright yellow flowers in great profusion on 10" stems; mid-summer blooms.
- A. **saxatile compactum** — Commonly known as "Basket of Gold;" true gold flowers on 10" to 12" stems; plant in combinations with some of the pale forms of phlox subulata.

ANEMONE

- A. **pulsatilla ("Pasque Flowers")** — Finely cut silky foliage. Large cup-shaped purple flowers with golden stamens. 8". Blooms in April-May.
- A. **pulsatilla White Swan** — Exquisite large pure white. New.
- A. **pulsatilla rubra** — Rich dark red flowers with golden stamens. Quite rare.

ARABIS

The Arabis are very easy to cultivate and form nice clusters of rosettes. They are like the Aubrietas but somewhat larger, and bloom profusely in the spring.

- A. **alpina nana compacta** — Pure white flowers on 4" to 5" stems; blooms very early in spring.
- A. **albida rosea** — Flowers of a soft mauve-pink over a mat of attractive foliage. 6". May flowering.
- A. **albida "Spring Charm"** — Very compact plant, covered with blossoms of carmine pink. One of the best. 6" tall. \$1.00 each—\$2.50 per 3
- A. **Kellereri** — Small gray rosettes; very compact and slow growing; a gay, choice plant with small white flowers. Spring 1959.

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- A. **procurrens** — A very useful species to cascade over rocks; shining green rosettes with fairly large white flowers on 8" to 10" stems; blooms in spring. Spring 1959.
- A. **Sturii** — Dwarf plant; fine dark green rosettes with large white flowers in spring; one of the very best of the Arabis; only 3" to 4" tall.

ARENARIA

- A. **laricifolia** — One of the prettiest of all the alpines; rather fast spreading; forms fine green mat; narrow leaves on small branches; 4" tall, blossoms white in May.

ARMERIA

These are very fine rock garden plants with grass-like leaves, which form a cushion. All are sun loving.

- A. **arctica** — Fine compact cushion of grassy foliage. Delightful brilliant rose flowers on 6" to 8" stems in July. A fine novelty. Available spring. Spring 1959.
- A. **Bee's Ruby** — A very fine Armeria with bright rosy-red flowers on 10" to 12" stems; flowers in June, July.
- A. **juniperifolia (caespitosa)** — A very choice plant for the sunniest exposure; well drained sandy soil; forms tight prickly cushion with pale pink flowers on 2" - 3" stems; blooms April, May. We recommend this choice jewel very highly.
- A. **labradorica** — Forms a clump of dark evergreen foliage. The brilliant pink flowers are produced on 4" to 5" stems in the spring, throughout the summer and again in the fall. The most floriferous Armeria we know. Our own introduction.
- A. **maritima** — Easily cultivated and should be in all collections; fine rosy pink flowers on 4" - 5" stems over a green cushion in May.
- A. **maritima alba** — Fine form with quantity of white flowers on 5" stems over a green grasslike cushion. Scarce in recent years.

ARTEMISIA

These lovely plants are chiefly grown for the beauty of their foliage which is silvery gray and finely cut.

- A. **frigida "Silver Dome"** — A choice and fine kind forming a silvery silky cushion; 6" tall; spreading rapidly during summer; dies back to center of plant in winter. Last year's growth must be removed in spring.

ANTENNARIA

- A. **aprica** — Mats of silver gray rosettes. Vary prostrate carpeting plant, full sun.

DWARF ASTER SPECIES

- A. **Kumleini roseus** — The best aster from the Dakota Black Hills. Produces quantity of deep rich pink 1" blossoms. 12". August-September blooming.

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- A. dumosus hybrids** — These are new hybrids of easy culture. They like full sun and any kind of soil suits them. The blooming period is from August to October.
- A. d Audrey** — Our own import from Holland. Produces quantity of large pale blue flowers. Very bushy compact habit, fine clean foliage. 1255 to 15" tall. August - September.
- A. d. Blue Baby** — Bright blue, semi-double 10". New import. Spring 1959.
- A. d. Blue Boy** — Also imported from Holland. Large brilliant blue flowers in quantity, upright habit, good clean foliage. 10" to 15".
- A. d. Daphne** — Pink shaded lilac flowers in September. 6".
- A. d. Lilac Time** — Bushy habit with lovely lilac flowers, 12" free blooming.
- A. d. Nancy** — Bright rose pink flowers in great profusion on 9" stems.
- A. d. Peter Harrison** — Produces clouds of large true pink flowers. Compact and dwarf. New import, 15". Spring 1959.
- A. u. Peter Pan** — Beautiful clear pink, very floriferous. 10". New import. Spring 1959.
- A. d. Snowsprite** — Forms a dwarf compact bush covered with semi-double white flowers, 9".
- A. d. Victor** — The most dwarf of all, clear, pale lavender-blue flowers in great profusion. 6" blooms mid-September.

ASTILBE

Very attractive plants with graceful foliage with dainty fluffy spikes of blooms. No better plants for edge of stream or pond or for the rock garden. They like moisture and will grow equally well in sun or shade. All flower in June - July.

- A. Arendsi America** — Fine large pale pink flowers, Prolific bloomer, 10"-12". July - August.
- A. Fanal** — One of the most brilliant of the Astilbes, graceful, dazzling carmine red spikes on 18" stems over reddish-green foliage. The very best of this group.
- A. Gladstone** — Unquestionably one of the finest of the dwarf-white Astilbe. Well-formed white spikes, 15" tall. Flowers in mid-June the first one to bloom.
- A. Gloria atropurpurea** — A new varietal with dark rosy-pink heads of large size, 24" tall.
- A.—Granat** — Extra large spikes of rosy-carmine 24" to 30".
- A. Peach Blossom** — Exquisite soft shell pink. Profuse bloomer.
- A. Queen Alexandra** — The very best of the light pinks greatly in demand, 18" tall.
- A. Red Sentinel** — Dazzling scarlet red. Large feathery trusses 20". Best red today. New. Spring 1959.
- A. simplicifolia rosea** — A fine species with handsome divided leaves. Very dainty arching soft pink plumes. 10". July - August.
- A. s praecox** — Lovely fine pink, large overhanging trusses, early 15". Spring 1959.

PLEASE READ CONDITIONS OF SALE

CAMPANULA

These plants furnish the rock garden with a superb display of flowers during the summer months and continue to fill the gap left by the spring flowering plants. Most of them are easily grown.

- C. *carpatica* — A very floriferous species with blue saucer-shaped flowers on 10" stems; bloom all summer.
- C. *carpatica alba* — A pure white form of the above.
- C. *garganica* — Light blue; sun loving species; star-like blossoms freely produced over pointed heartshaped leaves in June, July on 4" stems.
- C. *Portenschlagiana (muralis)* — A very desirable small Campanula with large bell-shaped flowers over a green-leaved cushion; blooms all summer on 3" - 4" stems.
- C. *Poscharskyana* — A fine small Campanula with flower very much like C. *garganica*; blooms later on long prostrate stem, rapid increaser; give it plenty of room.
- C. *Scheuchzeri* — A native of the European Alps. Fine and very floriferous. Produces large quantities of soft blue flowers from June to August. 8".

CERASTIUM

These are creeping and rapidly increasing plants that will grow anywhere in the sun. They should be planted to cascade over large rocks.

- C. *tomentosum* — Green woolly foliage with large white flowers on 4" stems; May, June flowering; fine for rock walls or to cascade over rocks; a fast increaser. Give plenty of room.

DICENTRA

- D. *eximia* — Rose pink heart shaped flowers all through the summer and autumn. Fine for shade 10" - 12" tall.

DRABA

The Drabas are plants of the mountains which bloom in early spring. They should be planted in crevices between rocks in full sun. Make wide use of them.

- D. *fladnizensis* — Forms an attractive cushion of small glossy green rosettes. Produces quantities of white flowers on 3" stems in May. No better plant for rock crevices.
- D. *repens* — A desirable, slow creeper, close to the ground. Unlike other species, it does not make rosettes; bright yellow flowers freely produced on 2" or 3" stems early in the spring. Together with blue Muscari it makes an unforgettable sight.

DIANTHUS

The pinks are indeed indispensable in any rock garden, thriving in full sun and sandy soil.

- D. *arenarius* — A delightful species which produces quantities of white, fringed, fragrant blossoms; 6" tall and makes a lovely cushion balance of year; June, July flowering. Spring 1959.

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- D. **Allwoodi** — Beautiful hybrid in many colors, white, pink to deep rose. 6" June - July.
- D. **corsicus** — A new introduction. A charming Dianthus forming a compact round mound of blue-green foliage that is pretty all season. Produces quantities of soft pink fringed flowers in June. Very fragrant.
- D. **deltoides erectus** — Very compact plant with brilliant carmine-red flowers on erect stem. 5".
- D. **La Bourbille** — Choice and very dainty, small mound of glaucous green foliage, quite large bright pink flowers on 2" stems. New introduction.
- D. **neglectus** — A charming dianthus from the Swiss Alps, 3" high, narrow green leaves, brilliant pink flowers, buff on the reverse on 2" stems. \$1.00
- D. **tatrae** — Forms a large cushion of bluish-grey pointed foliage. Very fragrant white flowers. 7". June - July. Spring 1959.
- D. **Roisii roseus** — Dainty, semi-double brilliant rosy-red flowers on 3" stems over fine green foliage.

EPIMEDIUM

Fine shade-loving plants which will grow equally well in the sun if watered frequently during dry spells. Require leaf mold or humus. All Epimediums flower in April-May. The foliage colors beautifully after heavy frosts. There is no finer plant for ground cover under tall Rhododendrons.

- E. **grandiflorum coccineum** — Graceful, shiny green, heart-shaped leaves. Fine spikes of dainty crimson-rose flowers. 12" tall.
- E. **pinnatum sulphureum** — Same foliage as the preceding, a faster spreading plant with beautiful sulphur-yellow flowers.

ERIGERON

- E. **simplex** — Lovely 1½" lavender pink daisies in August - September. 8" tall.

EUPHORBIA

- E. **myrsinitis** — Glaucous trailing foliage; green-yellow flowers on end trailers; requires full sun; May flowering; fast spreader.

FESTUCA

- F. **glaucua** — A lovely ornamental grass forming handsome turfs of steel blue leaves; very pretty along small brooks and on the edges of small ponds.

GYPSOPHILA

The Gypsophilas like full sun and a deep good sandy soil.

- G. **cerastioides** — A real jewel and a most charming slow creeping plant with small, hairy leaves and bearing quantities of beautiful white blossoms veined rosy-purple. Rare and very choice. 3"
- G. **repens rosea** — A fine creeping form with clear pink flowers on 2" stems over semi-glaucous foliage; blooms June - July

HELLEBORUS

- H. **niger** — The beloved Christmas rose. Toothed evergreen foliage. The

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large white flowers with yellow stamens are produced on 6" to 8" stems over the foliage. Will flower in the winter if the weather is congenial or in the spring. Requires shade, soil rich in humus and water in dry periods. Good strong plants, home-grown. \$1.50 each

HEUCHERA

The Heucheras are our favorite rock garden plants. All have ornamental foliage, and, in some varieties, it is zoned silvery. They are not particular as to soil, and do equally well in sun or semi-shade.

H. sanguinea — rosy bells on 16" stems; dark green foliage.

H. sanguinea alba — A white form of the common Coral Bells.

H. s. pimpinell — Extra fine red variety with dark red stems, prolific bloomer. 24".

HOSTA

H. Thomas Hogg — Green leaves with white edging, purple flowers. 18" to 24". July.

H. undulata medio-variegata — Waved green and creamy white foliage, lavender-blue flowers. 18" to 24". July.

IBERIS

The Iberis are low growing evergreen shrubby perennials with terminal heads of white flowers which entirely cover the plant; hence the French name of "Baskets of Silver." They require light loam and full sun.

I. sempervirens — Splendid species of long life, keeps increasing in size year by year. Covered in May-June with white flowers. 8".

I. sempervirens Purity — A new introduction, produces quantity of large pure white flowers in May - June. 8" tall.

I. sempervirens "Praecox" — New variety, form dense clump with pure white white flowers in great quantity the earliest. May - June. 8".

I. sempervirens Snowflake — Evergreen masses covered with large snow-white flowers. May - June. 8".

INULA

I. ensifolia — Small plants with narrow stiff foliage and large yellow daisy-like flowers throughout the summer 5' tall.

LAVANDULA

L. officinalis vera, Munstead strain (English lavender) — The true delightfully fragrant lavender, 12" tall. Lavender flowers in June-July. Requires sun.

LOTUS

This is a pea-like blooming plant for sunny places and between rocks.

L. corniculatus flore-pleno — Double yellow flowers sometimes edged with red; 2" tall; blooms August, September.

OENOTHERA

O. glauca — Forms rosettes of semi-glaucous leaves. Produces quantity of large golden-yellow flowers in June-July on 12" to 15" stems. Does not spread.

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- O. fruticosa Youngii** — Very showy large golden yellow flowers on 12" stems in June-July. If planted in semi-shade, they will flower, but will grow 6" taller and more lax. Woolly green foliage turns as fascinating shade of red in the fall. A very reliable ground cover.

PHLOX PANICULATA

We list two semi-dwarf varieties which are delightful planted in groups together.

- P. p. Jules Sandeau** — Large trusses of soft clear deep pink without dark eye. Good compact habit. 15". July - Aug.
- P. p. Mia Ruys** — Enormous trusses of the purest white flowers. 15". July-Aug.

DWARF PHLOX

We are listing some of the finest varieties including many recent introductions for furnishing the rock garden with spreading sheets of brilliant color for several weeks in May. They have evergreen needle-like foliage. All are easy growers in full sun.

- P. nivalis Camla** — One of the finest of the trailing phlox. Forms a compact cushion of dark pointed foliage. Outstanding large soft salmon-pink flowers on 5" stems in May-June.
- P. n. Dixie Brilliant** — Forms a cushion of very long creepers. Has the largest and most brilliant rosy-red flowers of all the dwarf phlox. Flowers in May-June.
- P. Brittonii rosea** — Very slow growing of prostrate compact habit. Tiny pale pink star shaped flowers. Very rare.

PHLOX SUBULATA

- P. s. Ada** — A good grower of excellent quality. Pink flowers with a blue eye. New.
- P. s. Alexander's Pink** — Fast grower forming large cushion. Lovely clear pink flowers with crimson-red eyes. 5".
- P. s. Arbutus** — Dense compact cushion. Does not spread. Multitudes of small pink flowers. Delightful.
- P. s. atropurpurea (Brilliant)** — One of the most popular older varieties, very brilliant dark red flowers and dark green foliage.
- P. s. Blue Hill** — A clear soft blue one of the best blue in dwarf phloxes.
- P. s. Crimson Beauty** — Brilliant red, handsome foliage. New.
- P. s. Emerald Cushion Blue** — Emerald green foliage with blue flowers. Recent introduction.
- P. s. Emerald Cushion Pink (Sensation)** — Very distinctive foliage, deep shining green. Forms neat compact cushion. Brilliant, lovely pink flowers.
- P. s. Rochester** — A good grower with bright carmine-pink flowers, one of the most brilliant of the red subulata.
- P. s. Schneewitchen (Snow White)** — A European variety. The small, dainty snow-white flowers cover the plant completely. Compact dark foliage. Slow growing.

PLEASE READ CONDITIONS OF SALE

P. s. Surprise — Very fine new salmon-rose.

P. s. White Delight — One of the largest of the pure white varieties yet introduced. Beautifully rounded formation of milk-white blossoms. Most vigorous of all whites. New.

POLEMONIUM

P. coeruleum (?) — We are not sure of the identity of this form. The foliage is larger, more upright and the flowering stems are taller than *p. reptans*. Produces large sprays of true sky-blue flowers in May-June. 12" tall.

P. verna nana — This exquisite flowering plant is one of the earliest of the genus to bloom. Profusion of golden-yellow flowers in little dense, dark-green cushions in May; 3" stems; plant in sunny position where it can be admired at close range.

PRIMULA

A vast genus of plants, many of which are very choice. Most desirable plants for the rock garden, they always require shade in this country unless the soil is kept damp, and must have moisture at their roots continuously if planted in the sun. It is far better to plant them at the side of large rocks facing north or in a position shadowed by tall plants or shrubs.

P. Auricula — A choice treasure for the rock garden; rosettes of thick leaves which are most attractive; the flowering stems rise from the rosettes to a height of 6" to 8" bearing various colored blossoms with white-yellowish eyes. They are notably fragrant. A mulch of small gravel or crushed stone helps to keep the ground cool and protects the blossoms from being splashed by earth. We are offering fine mixed colors only, raised from imported seed. It is a May blooming plant.

P. polyantha — We have one of the finest strains of these plants in the East. They produce large blossoms in umbels on 6" stems. We are offering lemon-yellow, apricot, orange. Our selected white form is extremely floriferous and a joy to behold. These primulas have been repeated sensations at shows.

P. Sibthorpii — This is the Caucasian form of *P. acaulis*. Produces flowers of dainty pastel shade of pinkish-lavender in such quantities as to completely hide the cushion of small, crumple leaves. Only 1" high in very early spring. Exquisitely charming and extremely rare.

PRUNELLA

P. webbiana grandiflora rosea — Forms a mat of dark green cut foliage, covered in summer with spikes of rosy flowers, 6" tall.

SAXIFRAGA

The Saxifragas are very much appreciated in England where they are called "the backbone of the rock garden." The silver-encrusted, or mossy, foliage proves interesting at all times but some species do require special treatment. In general they appreciate shade from the noonday sun. They like a limy soil, the encrusted group particularly.

S. lingulata lantoscana superba — One of the most highly prized by the great Farrer. It was considered by him one of the best of the en-

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crusted *Saxifraga*. Medium-sized rosettes heavily encrusted; large white flowers on 12" stems; June, July bloomer. The beautiful sprays are not surpassed by any other.

- S. **cordifolia** (megasea) — Very large deep-green leaves in rosettes, turning to beautiful shades of rosy bronze in the winter; large pink flowers on 8" to 12" stems; May flowering.

SEDUMS

The genus *Sedum* is a vast one containing many hundreds of species and hybrids. Most are sun loving. They will thrive and increase in the poorest soil, between rocks and other dry spots where other plants would perish. Many have interesting foliage that colors beautifully during the autumn and winter months. All the varieties we are offering are distinct.

- S. **acre** — Mass-like foliage which is dark green; an inch or more tall and a fast creeper; bright yellow flowers on 2" stems; blooms in early summer.

- S. **acre minor** — A miniature of the preceding.

- S. **album** — Thick waxy, green foliage that colors a splendid burnished red in spring; a fast creeper, but can be kept in place by planting it in the poorest, gravelly soil. White foamy flowers cover the whole plant in June.

- S. **altissimum** — Blue-green foliage growing almost in square form; alternate yellowish white flowers on 10" stems blooming in June, July.

- S. **cauciculum** — Gives color when you really need it. Brilliant red in early September; 5" tall, blue gray foliage; growing habit like *Sedum Sieboldi*. In cleaning the garden in the spring, it is important that you know where you have planted this species, for it can easily be raked out and destroyed.

- S. **cristatum** — "Cock Comb" Semi-glaucous crested species, very ornamental.

- S. **kamtschaticum** — Handsome semi-prostrate sedum with thick dark-green leaves; orange yellow flowers in July, August on 4" to 6" stems.
One of the best for the garden. It needs space.

- S. **Sieboldi** — Very handsome plant with procumbent stems set with rosettes of three leaves along the stems. The leaves are dented and flushed red on the edges; bright pink flowers in August, September. Plant between rocks to drape, it will show to best advantage.

- S. **spectabile** — Erect, fleshy green leaves, soft pink flowers in September, 12-18" tall.

- S. **spurium Dragon Blood** — Crimson flowers; bronzy-red foliage; late summer flowering.

SEMPERVIVUM

Another extensive genus also containing many garden hybrids. Very useful to plant in crevices or between rocks. All have pretty rosettes in shades of green, glaucous deep shades of red and wine.

- S. **alpha** — Medium-sized rosettes, rosy-hued with some cobwebs. Very lovely. Rare. A few available.

- S. **arachnoideum minor** — Small sized rosettes covered with silky hairs.

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- S. **arachnoideum piloselum** — Large, very downy rosettes with a rose cast.
- S. **arachnoideum Strandsfieldii** — Newly imported. Very silky, small rosettes, soft green with a reddish cast, fast increaser.
- S. **arenarium** — Medium sized rosettes form dense crowded colonies. Soft green tinted red in winter.
- S. **atroviolaceum (magnificum)** — Very large rosettes, rosy-purple with a glaucous tint; fast increaser.
- S. **calcareum** — Glaucous grayish-green with deep red tips. Very fast increaser.
- S. **Malby's Hybrid** — Large rosettes of rich mahogany-red when grown in full sun. Imported from England.
- S. **Mayfair Hybrid** — Small gray-green rosettes sometimes tinted soft rose. Very fast increaser.
- S. **rubicundum** — Large and very fine colored form. Downy broad leaves suffused violet red. Very scarce.
- S. **soboliferum** — Small, round; a very dense crowder, copper and green rosettes.
- S. **rupestre** — Medium sized rosettes with rosy centers.
- S. **tectorum** — The common "Hens and Chicks," large green rosettes with tinted red leaves; fast increaser.

SISYRINCHIUM (Blue-Eyed Grass)

- S. **angustifolium (Bermudianum)** — Forms a clump of fine iris-like foliage 5" tall. The large violet-blue flowers with yellow eyes are produced in large quantities on 6" to 8" stems in June-July.
- S. **Californicum** — Narrow leaves and heads of bright-yellow flowers in midsummer. A most attractive and floriferous plant. Rare.
- S. **mucronatum album** — Produces pure white flowers, fine slender foliage. 6" tall. May - June. Very rare.

STOKESIA

- S. **cyanea** — Splendid large soft lavender-blue flowers up to 2½" in diameter freely produced on 12" to 15" rigid stems. Blooms in late summer.

TEUCRIUM

- T. **chamaedrys** — A small delightful semi-evergreen with glossy green leaves; neat habit, spreads slowly. We offer a fine selected form with rosy-lavender flowers on spikes 8" tall. Blooms July-August. Requires sun.

THYME

This is another midsummer flowering genus which hugs the ground growing not more than one inch or so tall. When in blossom, another inch is added to the height. Colors on most are intense and thousands of tiny blooms entirely cover the plants in full sun. An extremely valuable plant to use as ground cover to feature miniature bulbs in the Spring. It withstands long

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periods of drought, and is ideal to drape over rocks or to grow between stepping stones. All are very aromatic.

- T. **Admowici** — Prostrate, one of the best for walks, slender leaves, very aromatic, rose-colored flowers, rare.
- T. **Balticum** — The hairy foliage hugs the ground, lavender flowers in June, most floriferous. Very choice.
- T. **aureus nanus** — Small bushy type, fragrant golden foliage. Very fine carpeting plant.
- T. **Herba Barona** — Prostrate with green shiny leaves. Emits the delicious scent of caraway seeds when walked upon. Pale purple flowers in July.
- T. **serpyllum album** — Very pale green foliage; when in bloom creates lovely sheet of pure white; one of the finest for carpeting over narcissus minimus.
- T. **serpyllum coccineus** — Dark green foliage; brilliant crimson flowers.
- T. **serpyllum lanuginosus** — One of the handsomest of all; demands the poorest sandy soil; lovely mat of gray velvety foliage which occasionally blossoms pink.
- T. **serpyllum rosea** — Where a rapid ground cover is desired, this pink flowering variety will race with amazing speed. Rosy pink flowers; a higher spreader than the aforementioned thymes.
- T. **serpyllum Sandy** — A sport of coccineus that appeared spontaneously in our nursery; has same habit with delightful pink flowers.

TUNICA

- T. **saxifraga fl. pl.** — Forms a large mass of airy, very thin stems, 8" tall bearing a profusion of small fully double rose-pink flowers in July-August.

VERONICA

This genus of plants includes many forms and colors varying from white to intense blue, also some pink shades, ranging in height from 2" to 18." Not particular as to soil but requires sun. No self-respecting rock garden should be without a good selection of both early and late bloomers.

- V. **amethystina** — A very beautiful plant with many spikes of true gentian blue flowers in large quantities over semi-glossy foliage. Forms nice clumps. One of our favorite June bloomers. 10" to 12."
- V. **Blue Spires** — Fine glossy green foliage, semi-procumbent. Extra fine spikes of deep sapphire-blue flowers. Auxiliary stems are produced if old ones are removed. 12" to 15." June-July blooming. New.
- V. **carnea** — A garden hybrid with soft pink flowers. 6" - 8". Summer.
- V. **fruticulosa** — Small, thick, glossy foliage unlike other Veronicas. Soft pink flowers veined darker pink. 5". June. Rare. Spring 1959.
- V. **rupestris** — A trailing variety with clouds of bright blue flowers. June. 3" tall.

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- V. *rupestris nana* — One of the best of the Alpines; about 2" tall with dark green leaves; intense gentian blue flowers when in bloom; May flowering; full sun. It makes an unforgettable sight.
- V. *spicata alba* — Spikes of pure white flowers about 12" in height; flowering in August when color is needed most. If soil is sandy and poor, it will stay dwarf and blossom for about a month; if soil is rich, it will grow taller and cut its blossoming period.
- V. *spicata rosea* — Fine spikes of soft pink flowers, deep rosy-lilac stamens, 12". Blooms June-July. Excellent for contrast with the blue and white forms. Spring 1959.

DWARF TREES, SHRUBS AND IVIES

ALL PRICES ON THESE ARE NET. NO DISCOUNT FOR QUANTITY

CHAMAECYPARIS

- C. *obtusa gracilis nana* — (Dwarf Hinoki cypress) — "My favorite dwarf conifer is *Chamaecyparis obtusa* var *nana*, and every inch an aristocrat is this pyramid of dark green with its flat, short, spreading branches and crest-like branchlets. Slow of growth and distinct in appearance, it has won for itself a foremost place in gardens where quality rules." — by Ernest H. Wilson in "More Aristocrats of the Garden." 8" to 9". \$4.00 each

COTONEASTER

Cotoneasters or Rocksprays as the common name indicates are the most appropriate of all the shrubs for planting in the rock garden.

- C. *adpressa* — A dwarf slow growing shrub, white flowers in May, red berries in fall. None better for rock garden. Rare. 6" to 8". \$2.50
- C. *conspicua decora* — Spreading semi-evergreen, having a profusion of white flowers. Orange-red berries. 9" to 12". \$2.50 each
- C. *Dammeri* — A Prostrate evergreen shrub with slender creeping stems close to the ground. White flowers in June. Coral-red berries in fall. Excellent for carpeting choice places and in the rock garden. Rare. Hardy at Washington, D. C. and south, and hardy along the coast as far North as Boston with protection. 8" - 10" spread. \$2.00 each
- C. *horizontalis* — Is the best known and the most planted. The spreading branches give a delightful spraylike effect. Small shiny green leaves. Small pinky-white flowers, the red berries persist through the winter. 12" to 15". \$2.50 each
- C. *adpressa praecox* — Dense spreading variety with larger shiny green leaves in opposite rows. Small pinky-white flowers, very large red berries. 9" to 12". \$2.50 each

DAPHNE

- D. *cneorum* — A fine dwarf shrub and one of the best for the rock garden; produces delightfully fragrant pink flowers on the tips of the branches; 12" high, if happy it will spread 3 to 4 feet in five years. No self-respecting rock garden should be without this fine shrub. 6" to 9". \$2.00 each

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ILEX

- I. crenata convexa**—A splendid hardy evergreen with small convex, shiny deep green leaves which grow opposite to each other on the branches. Can be pruned to shape as boxwood. 9" to 12" out of 4" pots. \$3.50 each
- I. Hellerii**—A very compact and neatly growing variety with smaller foliage not so shiny as the preceding. It is more prostrate in habit than the other variety and is one of the finest evergreen novelties. 6" to 8" \$3.50 each

PACHISTIMA

- P. Canbyi** — Dwarf evergreen shrub 6" - 9" tall. Valuable for ground cover in sun or semi-shade. 4" to 6" tall \$1.00 each 6" to 9" tall \$1.25 each

PICEA

- P. glauca conica** — This is an ideal small slow-growing evergreen most desirable for rock gardens or any special place where dwarf evergreen is needed. This is a very interesting variety which grows absolutely pyramidal, thickly set with branches very close and clothed with grass-green needles. 9" to 12". \$4.00 each

HEDERA (Ivy)

- H. helix Baltica** — Medium size shiny evergreen leaves veined white set close together, very hardy type, suitable for New England. Splendid evergreen for walls, succeed best in partial shade, also fine as ground cover. Strong plants out of 4" pot. \$.75 each
- H. helix Scotica** — A very fine variety, larger and faster growing than Baltica. Same use. Strong plants out of 4" pot. \$.75 each

RHODODENDRON

- R. obtusum japonicum (azalea)** — A charming dwarf shrub most appropriate for the rock garden. Semi-evergreen leaves. Very dense and slow-growing. Covered in May with profusion of lilac-pink flowers. Color varies slightly. 9" - 12" \$4.00 each
- R. Amoena coccinea (azalea)** — Medium height, bright carmine red, hose-in-hose flowers. May - June. 9" to 12". \$4.00 each
- R. Hinodegiri (Kurume azalea)** — Brilliant scarlet flowers freely produce. A very popular one. 9" to 12" tall. \$4.00 each

PIERIS

- P. Japonica** — Upright evergreen with thick shiny green leaves, new growth in spring is reddish. Foliage is bronze in winter. Very showy white pendulous flowers in May. 9" to 12". \$2.50 each

ROSA (Rose)

The miniature roses make an excellent addition to the rock garden because of their almost everblooming habit—June to frost. Plant in full sun, ordinary garden loam. A pinch of bone meal can be added to the loam at planting time. Under no circumstances should they be given commercial fertilizers, since they will lose their compactness.

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Pruning -- In early spring remove all dead wood and also all the seed pods as they form during flowering time.

Spraying -- They need the same care as their big sisters. We have found Tri-o-gen very beneficial against black spot, mildew and chewing insects. Follow the maker's directions. The plants we are offering are good top-sized plants potted in 4" pots

R. Rouletti — We wish space would permit us to relate the interesting history of this miniature rose. It was found and introduced by the great Alpinist, the late Henry Correvon. It produces beautiful, double light-pink flowers. **\$1.25 each**

R. Twinkles — A perfect, fully double tiny rose with pink buds but pure white when fully open. Fine delicate leaves not over 6" tall. Be sure to add this fine, new little gem in your rock garden. **\$1.25 each**

SALIX

S. purpurea nana — A shrub with thin graceful branching habit, dark glossy green leaves, young shoots are purplish. 2' to 3'. Use as background in rock garden. Also shears well for low edges. **\$2.00 each**

SCIADOPITYS

Sciadopitys verticillata (umbrella pine) — A slow-growing Japanese evergreen tree with shiny long soft green needles growing in whorls at the tips of the branches. Very rare hardy evergreen. Will make a handsome pyramidal dense tree but slow-growing. Large specimens are extremely rare and command a price of \$3.00 per foot. 9" to 12". **\$5.00**

We carry a wide selection of trees and shrubs suitable for the rock garden but too large to ship economically. Included in this selection are extra fine specimens of the Japanese umbrella pine, creeping junipers, Chinese crabapples, and in short all that is necessary to provide a suitable background for your rock garden.

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